



INSTRUMENTS, SCALES & ELECTRICAL PRODUCTS

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aurora tools®

BIOS
Diagnostics™

Energizer®

REED



LIND **E** EQUIPMENT


PELICAN™
You break it, we replace it... forever.

T *Thermor*

K I L O T E C H

®  **REELCRAFT**

WOBBLELIGHT

INSTRUMENTS

DIGITAL MULTIMETERS

- True RMS AC/DC voltage and current measurements
- 0.05 % basic DC accuracy
- 40 000-count resolution
- Measures frequency, capacitance and temperature
- Diode check and continuity test
- Backlit LCD readout with analog bar graph
- 1000 V input protection on all ranges
- 4-20 mA process loop measurements with % readout
- Data hold, Max/Min recording mode
- Peak capture mode
- IP67 dust and waterproof
- EN61010-1 Cat. IV 600 V, Cat. III 1000 V safety rating
- Includes test leads and 9 V battery



XC308

DIGITAL MULTIMETERS



IA197



IA198



IA199

SPECIFICATIONS:

AC/DC Voltage Range:	1000 V
Accuracy:	AC: $\pm 1.0\%$; DC: $\pm 0.05\%$
AC/DC Current Range:	10 A
Accuracy:	AC: $\pm 1.5\%$; DC: $\pm 1.0\%$
Resistance Range:	40 M Ω
Accuracy:	$\pm 0.3\%$
Frequency Range:	10 MHz
Accuracy:	$\pm 0.1\%$
Capacitance Range:	40 mF
Accuracy:	$\pm 3.5\%$
Duty Cycle Range:	99.9 %
Accuracy:	$\pm 1.2\%$
Temperature Range:	760 °C (1400 °F)
Accuracy:	$\pm 1.0\%$
Dimensions:	182 x 82 x 55 mm
Weight:	360 g

REED

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Model No.	IA197	IA198	IA199
Display counts	4000	4000	4000
True RMS measurements			•
Frequency			•
Capacitance			•
Temperature		•	•
Relative zero	•	•	•
Data hold	•	•	•
Max/Min recording			•
Peak recording			•
Auto ranging	•	•	•
Auto power off	•	•	•
Cat. IV 600 V, Cat. III 1000 V	•	•	•
Test leads & 9 V battery	•	•	•
K-type temperature probe		•	•

MULTIMETERS

- Non-contact voltage detector
- AC voltage range: 100 to 600 V
- Auto-ranging multimeter
- AC/DC voltage range: 600 V
- AC/DC current range: 200 mA
- Resistance range: 20 M Ω
- Diode check and continuity test
- Flashlight
- Auto power off
- Double molded housing and test leads
- EN61010-1 Cat. III, 1000 V safety rating
- 0.2 A/500 V resettable fuse protection
- 2000-count LCD



REED

Model No.	Mfg. No.	Description	Price/Each
IA050	ST-118	Voltage Detector/Multimeter	46.00

DIGITALS MULTIMETERS

- 0.5 % basic DC accuracy
- 4000-count resolution
- Diode check and continuity test
- Data hold function
- Auto ranging and auto power off
- Double molded plastic housing
- EN61010-1 Cat. III 600 V safety rating
- Includes Type K temperature probe, test leads and 9 V battery

Model No. IA406
Mfg. No. ST-922
Price/Each \$79.00

REED

SPECIFICATIONS:

AC/DC Voltage Range:	600 V
Accuracy:	AC: $\pm 1.2\%$; DC: $\pm 0.5\%$
AC/DC Current Range:	10 A
Accuracy:	AC: $\pm 3.0\%$; DC: $\pm 2.5\%$
Resistance Range:	40 M Ω
Accuracy:	$\pm 0.8\%$
Frequency Range:	10 MHz
Accuracy:	$\pm 1.5\%$
Capacitance Range:	200 μ F
Accuracy:	$\pm 3.0\%$
Duty Cycle Range:	99.9 %
Accuracy:	$\pm 1.2\%$
Temperature Range:	760 °C (1400 °F)
Accuracy:	$\pm 3.0\%$
Dimensions:	150 x 70 x 48 mm
Weight:	255 g



R35269E

VOLTAGE DETECTORS

- Detects voltage without contact
- AC Voltage Range 100 to 600 V
- Flashing red LED indicator
- For use on 50/60 Hz circuits
- Double molded plastic housing
- All outer surfaces are non-conductive for safety
- Convenient size with pocket clip
- Cat. IV 600 V safety rating

**Built-in
Flashlight**



REED

Model No.	Mfg. No.	Description	Price /Each
IA045	AC-9	AC Voltage Detector	15.00

VOLTAGE TESTERS

- Automatically selects AC voltage, DC voltage or continuity
- Non-contact AC voltage detection
- Automatically turns on and off
- Visual (LED) and audible (buzzer) continuity indications
- Polarity indication
- Cat. III, 600 V safety rating
- Seven LEDs indicate AC or DC voltage levels
- AC voltage range: 24, 120, 208, 240, 277, 480, 600 V
- DC voltage range: 6, 12, 24, 36, 48, 110, 220 V
- Continuity: 0 to 85 kΩ



REED

Model No.	Mfg. No.	Description	Price /Each
IA043	ST-9902N	Voltage/Continuity Tester	49.00

DMM/IR THERMOMETER COMBO KITS

- Multimeter and infrared thermometer combo kit
- IA406 autoranging digital multimeter with temperature function
- HX243 infrared thermometer with laser sighting
- IA045 non-contact voltage detector with built-in flashlight
- HX358 temperature input adapter with HK953 thermocouple wire probe

Model No. IA539
Mfg. No. ST-TEMPKIT
Price/Each \$169.00

REED



INDUSTRIAL COMBO KITS

- Multimeter and clamp meter combo kit
- XC308 True RMS AC/DC multimeter with temperature function
- HX319 AC clamp meter with temperature function
- IA045 non-contact voltage detector with built-in flashlight
- HX358 temperature input adapter with HK953 thermocouple wire probe
- IA181 safety test leads

Model No. IA536
Mfg. No. ST-INDUSKIT
Price/Each \$199.00

REED



HVAC COMBO KITS

- True RMS multimeter and clamp meter combo kit
- XC308 True RMS AC/DC multimeter with temperature function
- IA195 True RMS AC/DC clamp meter with temperature function
- IA045 non-contact voltage detector with built-in flashlight
- HX358 temperature input adapter with HK953 thermocouple wire probe
- IA181 safety test leads

Model No. IA537
Mfg. No. ST-HVACKIT
Price/Each \$279.00

REED



JR. ELECTRICIAN COMBO KITS

- Clamp meter and voltage/continuity tester combo kit
- HX379 AC clamp meter with temperature function
- IA043 voltage/continuity tester
- IA045 non-contact voltage detector with built-in flashlight
- HX358 temperature input adapter with HK953 thermocouple wire probe
- IA181 safety test leads

Model No. IA538
Mfg. No. ST-ELECTRICKIT
Price/Each \$129.00

REED



INSTRUMENTS

AC/DC CLAMP-ON ADAPTERS

- Range: 0 to 200 A AC/DC, 0 to 2000 A AC/DC
- Accuracy: $\pm 2\%$ up to 200 A, $\pm 3\%$ up to 1500 A w/ push button zero
- Output: 1 mV per 1 A
- Jaw Opening: 2 1/2" (64 mm)

Model No. IA437
Mfg. No. CA-203
Price/Each \$119.00

REED

AC CURRENT CLAMP-ON ADAPTERS

- Ideal tool to extend the current range for all multimeters
- AC current range: 200 A
- Voltage output of 1 mV/A via standard banana inputs

Model No. IA184
Mfg. No. CP-09
Price/Each \$49.00

REED



MULTIMETER ACCESSORIES

MODEL HX357

- Enables clamp meter user to measure AC current on a 2-wire or 3-wire power cord to 15 A
- Provides easy and safe measurements of current without the need to cut off the plug and separate the conductors
- Plugging the power connector into the line splitter separates the hot/live conductor from the neutral and ground

MODEL HX358

- Adapts mini-connector inputs to banana plug inputs
- Can be used with many of the thermocouple probes



HX357



HX358

REED

Model No.	Mfg. No.	Description	Price/Each
HX357	AC-006	AC Line Splitter	15.00
HX358	AD-1	Input Adapter	12.00

CARRYING CASES

PROTECT & STORE YOUR MULTIMETER & ACCESSORIES IN A FABRIC CARRYING CASE

HX360



IA434



HN416



HN413



REED

Model No.	Mfg. No.	Outside Dimensions L" x W" x D"	Price /Each
IA434	C-833R	11 x 9 x 2	22.00
HX360	C-820	8 x 5 x 2	18.00
HN416	CA-05 A	9 x 4 x 2	19.00
HN413	CA-52 A	7 x 3 x 2	15.00

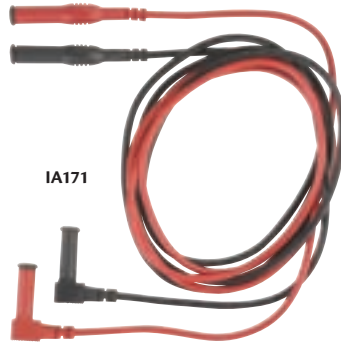
Call us for
quantity
pricing!



LEADS, CLIPS & TEST PROBES

MODEL IA171

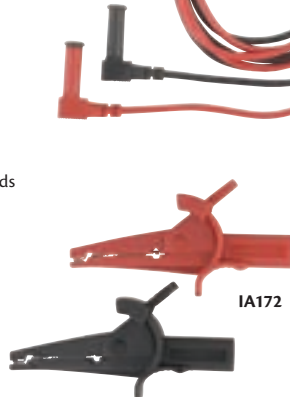
- ø4 mm safety test leads
- Silicone-insulated
- 100 cm long
- Right angle sheathed banana plug to straight sheathed banana plug
- Set of two, one black and one red
- **IA171** to be used in conjunction with items listed below



IA171

MODEL IA172

- Safety alligator clips



IA172

MODEL IA173

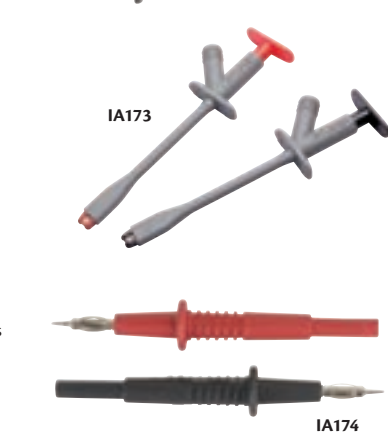
- Push-on safety test clips with strong jaws
- Insulated, nickel-plated jaws grip objects up to 3/8"
- Blunt grip grabs round screw heads



IA173

MODEL IA174

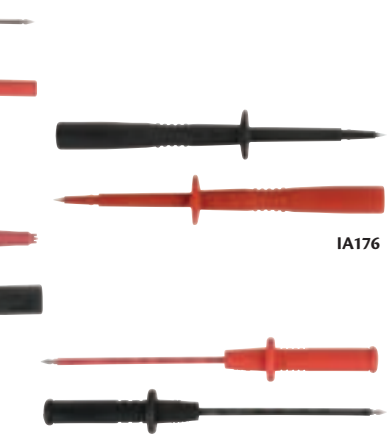
- Tips include banana-style spring contacts with nickel-plated brass ends
- Ideal for probing banana plug receptacles



IA174

MODEL IA175

- Push-on safety test probes with stainless steel tips
- Rigid with protective caps



IA175

MODEL IA176

- Industrial test probes with stainless steel tips

IA176

MODEL IA177

- Safety jaw clips

IA177

MODEL IA178

- Electronic test probes
- Tapered tips for probing electronic components or boards
- Removable guard for IC probing

IA178

REED

Model No.	Mfg. No.	Description	Price/Each
IA171	FC-108	Safety Test Leads	16.00
IA172	FC-A23	Safety Alligator Clips	12.00
IA173	CF-734760	Safety Test Clips	28.00
IA174	FC-105	Safety Test Probes	10.00
IA175	FC-105 A	Safety Test Probes	10.00
IA176	FC-170 A	Industrial Test Probes	16.00
IA177	FC-178 A	Safety Jaw Clips	16.00
IA178	FC-A18	Electronic Test Probes	4.00

BASIC TEST LEADS

MODEL IA181

- Set of two 48" long leads, one black and one red
- Flexible silicone-insulated safety test leads are heat and cold resistant
- Distinctive comfort grip test probes with stainless steel tips



IA181

MODEL IA182

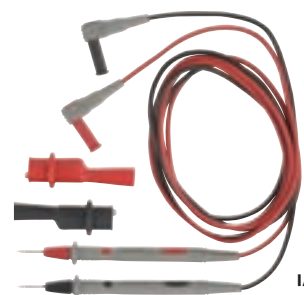
- Slide-on style for test probes
- Jaws open to 8 mm

MODEL IA183

- Same as **IA181** with **IA182** alligator clips



IA182



IA183

REED

Model No.	Mfg. No.	Description	Price/Each
IA181	TL-88-1	Safety Test Leads	16.00
IA182	FC-A15	Safety Alligator Clips	4.00
IA183	TL-88-A15	Safety Test Lead and Alligator Clips	19.00

FUSED TEST LEAD SETS

- Lead length: 1.4 meters
- Compatible with all instruments that accept standard 4 mm shrouded banana connectors



REED

Model No.	Mfg. No.	Description	Price/Each
IA707	FC-300	Fused Test Lead Set	29.00

TEST LEAD KITS

MODEL IA179

- Safety test lead kit (electrical) includes:
 - IA171** safety test leads
 - IA172** alligator clips
 - IA175** test probes
 - HX360** carrying case



IA179

MODEL IA180

- Deluxe safety test lead kit (electrical) includes:
 - IA181** safety test leads
 - IA171** safety test leads
 - IA182** alligator clips
 - IA172** alligator clips
 - IA178** electronic test probes
 - IA174** test probes
 - IA175** test probes
 - IA176** industrial test probes
 - IA177** safety jaw clips
 - IA173** test clips
 - HX360** carrying case



IA180

REED

Model No.	Mfg. No.	Description	Price/Each
IA179	FC-108G	Safety Test Lead Kit	49.00
IA180	FC-A23G	Deluxe Safety Test Lead Kit	139.00

INSTRUMENTS

INSULATION TESTERS

- Test voltage combinations: 250 V, 500 V or 1000 V
- 1 mA test current for MΩ range at rated voltage
- 200 mA test current for continuity range
- Continuity test with beeper
- Large, easy-to-read dual display with backlight
- Data hold switch
- Test button may be locked on for hands-free operation
- Double moulded plastic housing
- Supplied with test leads, batteries and plastic carrying case
- Meets IEC61010-1 Cat. III 1000 V

SPECIFICATIONS:

Insulation resistance tests

Test Voltage: 250 V, 500 V, 1000 V

Measurement Range: 200 MΩ, 2000 MΩ

Accuracy: ± 3.5 % rdg. ± 5 dgt.

Resistance tests

Measurement Range: 200 Ω, 2000 Ω

Accuracy: ± 1 % rdg. ± 2 dgt.

Voltage tests

Measurement Range: 750 VAC; 1000 VDC

Accuracy: AC: ± 1.2 % rdg. ± 10 dgt.
DC: ± 0.8 % rdg. ± 3 dgt.

Continuity tests

Measurement Range: Beeps ≤40 Ω

Test Current: ≤200 mA

General

Power Supply: 6 x 1.5 V AA batteries

Dimensions: 200 x 92 x 50 mm

Weight: 700 g



REED

Model No.	Mfg. No.	Description	Price/Each
IA194	ST-550	Insulation Tester	189.00

INSULATION TESTERS

- Test voltage combinations: 250 V, 500 V or 1000 V
- Insulation measurements to 4000 MΩ
- Resistance measurements to 4000 Ω
- Continuity test with beeper
- 600 V AC/DC test voltage range
- Large, easy-to-read digital display
- Data hold switch
- Test button may be locked on for hands-free operation
- Automatic discharge when test button is released
- Low battery indication
- Supplied with soft carrying case and leads



REED

Model No.	Mfg. No.	Description	Price/Each
HX345	C-360	Insulation Tester	279.00

THICKNESS GAUGES

- Exclusive micro-computer LSI circuit and crystal time base offer high accuracy
- Digital display provides exact readings without guessing or errors
- Broad band receiving sensitivity means the meter can read probes of different frequencies
- Auto calibration
- Automatic material calibration
- Selectable metric or imperial
- Measures the thickness of steel, cast iron, aluminum, red copper, zinc, quartz glass, polyethylene, PVC, gray cast iron and nodular cast iron
- Display sound velocity at the touch of a button (HX399)
- Measuring Range: 1.5 to 200 mm in #45 steel



REED

Model No.	Mfg. No.	Description	Price/Each
HX399	TM-8811	Ultrasonic Thickness Gauge	459.00

DUROMETERS

- Digital durometer for Shore A hardness testing
- Designed to measure the penetration hardness of rubber, elastomer and other rubber like substances such as neoprene, silicone and vinyl
- Pocket-sized model with integrated probe
- Measures maximum value
- Calculates average value
- Push button zero calibration
- Bright, clear, 4-digit, 10 mm high LCD readout
- Meets DIN 53505, ASTM D2240, ISO 7619 and JISK 7215



REED

SPECIFICATIONS:

Measuring range: 0 to 90 HA

Resolution: 0.1 HA

Deviation: ± 1 HA

Model No.	Mfg. No.	Description	Price/Each
IA632	HT-6510A	"A" Scale Durometer	429.00

DUROMETERS

- Models feature a heat-treated, high carbon steel mainspring that is calibrated to meet or exceed ASTM Specification D2240-81
- Special cam permits a scale deflection of 100 points when the indenter is displaced exactly 0.100 inch
- Dial scale is extended over 240 circular degrees, accurate to within ± 1 division
- Threaded mounting knob at the top of each durometer permits permanent test stand emplacement
- Resettable ancillary pointer will register the peak durometer reading against all vibrations met in normal use

HB548



MODEL HB548

- "A" Scale durometer measures the indentation hardness of rubber, elastomers, and other rubber-like substances such as neoprene, silicone, vinyl and butyl. It can also be used for soft plastics, felt leather and similar materials

HB538



MODEL HB549

- "D" Scale durometer is designed for hard plastics - polystyrenes, vinyls, Formica, Plexiglas - hard rubbers and phenolic moulded materials

MODEL HB538

- Foam and sponge rubber durometer measures the hardness of soft materials such as foam rubber, sponge rubber, jells and doughs
- Classifies cellular rubbers of the sponge and foam type as "x-soft", "soft", "medium" and "firm", and then divides these ranges into smaller increments



Model No.	Mfg. No.	Description	Price/Each
HB548	306L	"A" Scale Durometer	606.00
HB549	307L	"D" Scale Durometer	606.00
HB538	302SL	Sponge Rubber Durometer	653.00

STEEL HARDNESS TESTERS

- Designed for accurate, rapid in place measurement of the hardness of steel and steel alloys in the range from 20 to 65 on the equivalent Rockwell C Scale
- Unit consists of two major components: calibrated indenter and direct reading microscope
- Hand-held impact indenter drives a 1/16" diameter tungsten carbide ball into the sample being tested
- Resulting indentation diameter is measured with 60X microscope
- Calibrated reticle in the microscope reads C Scale directly with an accuracy of ± 1.5 points
- Illumination system features a MagLite® flashlight with a fiber optic pipe that directs the light to the focus of the microscope
- Flat or curved surfaces of virtually any configuration may be measured
- Particularly useful where the test piece is too large or too heavy to test on bench-type tester



Model No.	Mfg. No.	Description	Price/Each
HB605	316	Steel Hardness Tester	861.00

AC/DC CLAMP METERS

MODEL IA167 – WITH LARGE DIAMETER JAWS

- Measures AC and DC current up to 2000 A, plus AC and DC voltage up to 750 V and 1000 V respectively
- Measures resistance up to 4000 Ω
- Peak hold function
- Shielded banana plugs and recessed input terminals
- Output terminal
- Tear drop shaped jaws facilitates use in tight places and crowded cable areas

MODEL IA168 – THE SMALLEST CLAMP METER ON THE MARKET

- Capable of both AC and DC measurements
- Measures AC and DC current up to 200 A, plus AC and DC voltage up to 500 V and 200 V respectively
- Measures resistance up to 200 Ω
- Resolution of 0.01 A AC/DC
- Pocket-sized
- Includes: Test leads and carrying case

MODEL IA169 – OPEN CLAMP CURRENT SENSOR

- Ideal for use in crowded connection boxes where space is too limited for traditional clamp meters
- Non-contact voltage detection
- True RMS AC current measurement to 100 A
- Zero adjust function
- Auto power off
- Data hold



KYORITSU



IA167



IA168



IA169

Model No.	Mfg. No.	Description	Price/Each
IA167	KEW2003A	AC/DC Clamp Meter	515.00
IA168	KEW2004	AC/DC Clamp Meter	421.00
IA169	KEW2300R	AC/DC Clamp Meter	169.00

AC/DC CLAMP METERS

- AC/DC clamp meter with LCD and bargraph displays
- 3 3/4 LCD digits with high-speed, 42-segment bargraph
- Touch Zero and Data Hold functions
- Polarity and overload indications
- Continuity test
- Auto or manual ranging
- Auto power-off
- Low battery indication
- Jaw opening 30 mm
- Current Range: 40 A, 400 A AC/DC
- Voltage Range: 400 V, 600 V AC/DC
- Resistance Range: 400 Ω
- Continuity Range: < 40 Ω



REED

Model No.	Mfg. No.	Description	Price/Each
HX162	C-201	AC/DC Clamp Meter	149.00

AC/DC CLAMP METERS

- True RMS AC/DC clamp meter with temperature function
- AC/DC current to 600 A
- Basic 2.5% DC current accuracy
- Resolution 0.1 A
- Data Hold
- Peak Hold
- DC current zero adjust
- Auto power off
- Complete with test leads, battery and carrying case
- AC/DC Current Range: 400 A, 600 A
- AC/DC Voltage Range: 600 V
- Resistance Range: 40 M Ω
- Temperature Range: -4° to 1400°F/-20° to 760°C



REED

Model No.	Mfg. No.	Description	Price/Each
HX394	ST-9800T	AC/DC Clamp-on Ammeter w/ Temperature	129.00

AC/DC CLAMP METERS

- Full function autoranging DMM includes AC/DC voltage and current, resistance, capacitance, frequency, duty cycle, diode and continuity
- Current measurements to 2000 A through the clamp and 240 mA via test leads
- Large 5000 count backlit display for high resolution
- Basic DCV accuracy of 1% with 0.1 mV resolution and current resolution to 0.1 μ A
- 2.36" (60 mm) clamp jaw opening (750 MCM)
- DC current push button zero, relative measurements and Data Hold
- Heavy-duty ABS case with built-in stand and thumb control function switch
- DC/AC Current Range (Clamp): 240, 2000 A
- DC/AC Current Range (DMM): 240, 2400 μ A, 24, 240 mA
- DC/AC Voltage Range: 2.4, 24, 240, 1000 V
- Capacitance Range: 25, 250 nF, 2.5, 25 μ F
- Resistance Range: 240 Ω , 2.4, 24, 240 k Ω , 2.4, 24 M Ω
- Frequency Range: 50, 500 Hz, 5, 50, 100 kHz
- Duty Cycle Range: 0.1% to 99.9%



REED

Model No.	Mfg. No.	Description	Price/Each
HN415	CM-9930	AC/DC Clamp-on Meter	219.00

AC/DC CLAMP METERS

- Pocket-sized, autoranging clamp-on
- Measure AC/DC current and voltage, frequency and resistance
- Auto or manual ranging with Data hold and Relative mode
- Continuity beeper and diode test
- Overload protection on all ranges
- Large 2999 count display (4999 counts for Hz)
- 1.2" (30 mm) clamp jaw opening (500 MCM)
- Compact, rugged clamp-on with splash resistant front panel design
- Complete with test leads, two 1.5 V AA batteries and carrying case
- AC/DC Current Range: 600 A
- AC/DC Voltage Range: 600 V
- Resistance Range: 24 M Ω
- Frequency Range: 100 kHz



REED

Model No.	Mfg. No.	Description	Price/Each
HN411	CM-9940	AC/DC Clamp-on Meter	159.00

INSTRUMENTS

AC/DC CLAMP METERS

- Autoranging
- 4000-count LCD with backlight (except **HX506**, 2000-count)
- Data hold and zero functions
- Diode test to 0.3 mA
- 0.1 μ A resolution (**HX379**, **HX380** only)
- Temperature function to 1000 °C/1832 °F (**HX378**, **HX379** only)

REED

HX377



HX378



HX379



Model No.	Mfg. No.	Description	Price/Each
HX377	ST-332	AC/DC Clamp Meter	119.00
HX378	ST-333	AC/DC Clamp Meter w/ Temperature	129.00
HX379	ST-335	AC Clamp Meter w/ Temperature	89.00

Model No.	HX377	HX378	HX379
AC Current Range	400 A	400 A	400 A
DC Current Range	400 A	400 A	-
AC Voltage Range	600 V	600 V	600 V
DC Voltage Range	600 V	600 V	600 V
Resistance Range	20 M Ω	20 M Ω	20 M Ω
Capacitance Range	100 μ F	100 μ F	100 μ F
Frequency Range	-	150 kHz	150 kHz

AC/DC CLAMP-ON METERS

- Measures both AC and DC current and voltage
- True RMS reading instrument permits precise measurements regardless of waveforms
- 4000-count digital display with 40-segment analog bar graph
- Audible continuity test and diode check
- Peak hold function
- Data hold function
- DCA zero function
- Low battery indication and auto power off
- Double molded housing
- Electronic overload protection
- Designed to meet IEC61010-1 Cat. III 600 V

REED

Model No.	Mfg. No.	Description	Price/Each
IA195	ST-3347	AC/DC Clamp-on Meter	179.00

SPECIFICATIONS:

AC CURRENT

Max. Range/Res.: 1000 A/10 mA
Basic Accuracy: $\pm 2.5\%$ rdg. ± 5 dgt.

DC CURRENT

Max. Range/Res.: 1000 A/10 mA
Basic Accuracy: $\pm 3.0\%$ rdg. ± 4 dgt.

AC VOLTAGE

Max. Range/Res.: 600 V/0.1 mV
Basic Accuracy: $\pm 0.8\%$ rdg. ± 2 dgt.

DC VOLTAGE

Max. Range/Res.: 600 V/0.1 mV
Basic Accuracy: $\pm 1\%$ rdg. ± 4 dgt.

RESISTANCE

Max. Range/Res.: 40 M Ω /0.1 Ω
Basic Accuracy: $\pm 1.0\%$ rdg. ± 4 dgt.

CAPACITANCE

Max. Range/Res.: 40 mF/0.01 nF
Basic Accuracy: $\pm 3.0\%$ rdg. ± 5 dgt.

FREQUENCY

Max. Range/Res.: 10 MHz/0.01 MHz
Basic Accuracy: $\pm 1.2\%$ rdg. ± 3 dgt.

TEMPERATURE

Max. Range/Res.: 1000 °C (1832 °F)/1 °C (°F)
Basic Accuracy: $\pm 3.0\%$ rdg. ± 5 dgt.

GENERAL

Dimensions: 229(H) x 80(W) x 49(D) mm
Weight: Approx. 303 g



AC CLAMP METERS

- Permits current measurements on a live conductor without circuit interruption
- Rotary switch selects one range at a time
- Analog scale
- Includes: test leads, two fuses, single AA battery, and carrying case
- Voltage Ranges: 150/300/600 VAC
- Current Ranges: 6/20/60/200/600 AAC
- Resistance Range: 2 k Ω (25 Ω mid-scale)



KYORITSU

INSULATION TESTERS

- Offers unmatched performance and features like test lead resistance zero adjustment for time-saving continuous operation
- Three insulation test ranges: 250 V, 500 V, 1000 V
- Continuity range: 2 Ω and 20 Ω
- Live circuit warning lamp plus audible warning
- Automatic discharge of circuit capacitance
- Front panel press to test and zero adjust



KYORITSU

INSULATION TESTERS

- A compact and easy-to-use insulation and continuity tester that is ideal for more arduous environments
- Three insulation test ranges: 250 V, 500 V, 1000 V
- Continuity range: 3 Ω and 500 Ω
- 200 mA measuring current on continuity testing
- Live circuit warning buzzer and neon lamp
- Automatic discharge of circuit capacitance
- Dust and drip proof construction (designed to IP54)



KYORITSU

Model No.	Mfg. No.	Description	Price/Each
HK661	KEW2805	AC Clamp Meter	133.00

Model No.	Mfg. No.	Description	Price/Each
IA192	KEW3131 A	Insulation Tester	357.00

Model No.	Mfg. No.	Description	Price/Each
IA193	KEW3132 A	Insulation Tester	299.00

PELICAN PROTECTOR EQUIPMENT CASES

Light, strong, watertight and airtight for the ultimate protection. Constructed of copolymer and polypropylene. Features a 1/4" neoprene O-ring seal and a purge valve. Supplied complete with pre-scored pick & pluck foam or padded dividers (no cutting required). Custom foam insert fabricated on special order. Also includes ABS locking flanges, massive multiple latches and a comfortable molded grip handle.

Note: Models **HA597** and **HA603** supplied with solid foam only.

- Other colours available for Mfg. No. 1700 to 1750 are desert tan and green
- Other colours available for Mfg. No. 1200 to 1600 are silver, desert tan and green



FEATURES:

O-Ring Seal: Exclusive 1/4" neoprene O-ring guarantees a perfect seal. Neither dust nor water can penetrate this barrier to damage your equipment. These rings are easily replaced if damaged.

Purge Valve: All cases are absolutely airtight. Exclusive built-in O-ring sealed pressure purge valve allows for quick equalization after changes in temperature or altitude.

PROTECTIVE CASES

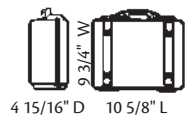
Black Model No.	Orange Model No.	Mfg. No.	Description	Price /Each
HA292	HA293	1200	1200 Case	87.00
HA419	HA420	1300	1300 Case	101.00
HA450	HA451	1400	1400 Case	156.00
HA501	HA502	1500	1500 Case	236.00
HA510	HA511	1550	1550 Case	289.00
HA536	HA537	1600	1600 Case	357.00
HA597	-	1700	1700 Case	417.00
HA603	-	1750	1750 Case	474.00

FOAM INSERTS

Model No.	Mfg. No.	Description	Price/Each
HA296	1201	3 pc. Foam Insert for HA292, HA293	33.17
HA423	1301	3 pc. Foam Insert for HA419, HA420	41.74
HA460	1401	3 pc. Foam Insert for HA450, HA451	55.79
HA503	1501/A	3 pc. Foam Insert for HA501, HA502	77.08
HA512	1551	4 pc. Foam Insert for HA510, HA511	121.00
HA538	1601	4 pc. Foam Insert for HA536, HA537	170.30
HA599	1701	3 pc. Foam Insert for HA597, HA598	122.10
HA605	1751	4 pc. Foam Insert for HA603	153.16

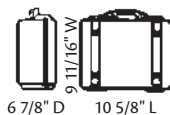
MODEL NO. HA292

Outside Dimensions:
10 5/8" L x 9 11/16" W x 4 7/8" D
Inside Dimensions:
9 3/8" L x 7 1/4" W x 4 1/16" D
Fold-down handle.
Weight: 3.47 lbs.



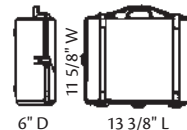
MODEL NO. HA419

Outside Dimensions:
10 5/8" L x 9 11/16" W x 6 7/8" D
Inside Dimensions:
9 3/8" L x 7 1/4" W x 6 1/8" D
Fold-down handle.
Weight: 4.28 lbs.



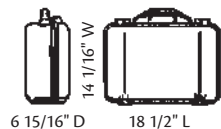
MODEL NO. HA450

Outside Dimensions:
13 3/8" L x 11 5/8" W x 6" D
Inside Dimensions:
12" L x 9 1/16" W x 5 3/16" D
Fold-down handle.
Integral personalised nameplate.
Weight: 5.49 lbs.



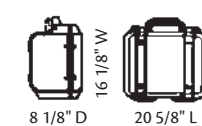
MODEL NO. HA501

Outside Dimensions:
18 1/2" L x 14 1/16" W x 6 15/16" D
Inside Dimensions:
17" L x 11 7/16" W x 6 1/8" D
Fold-down handle.
Integral personalised nameplate.
Weight: 8.70 lbs.



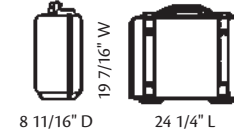
MODEL NO. HA510

Outside Dimensions:
20 5/8" L x 16 7/8" W x 8 1/8" D
Inside Dimensions:
18 3/4" L x 14 3/8" W x 7 5/8" D
Fold-down handle.
Integral personalised nameplate.
Weight: 13.37 lbs.



MODEL NO. HA536

Outside Dimensions:
24 1/4" L x 19 7/16" W x 8 11/16" D
Inside Dimensions:
21 3/4" L x 16 13/16" W x 7 7/8" D
Fold-down handle.
Integral personalised nameplate.
Weight: 16.52 lbs.



MODEL NO. HA597

Outside Dimensions:
38 1/8" L x 17 13/16" W x 6 1/8" D
Inside Dimensions:
35 3/4" L x 13 13/16" W x 5 1/4" D
Fold-down handle.
Weight: 19.72 lbs.



MODEL NO. HA603

Outside Dimensions:
53" L x 17 7/16" W x 6 1/16" D
Inside Dimensions:
50 1/2" L x 13 7/16" W x 5" D
Fold-down handle.
Weight: 28.34 lbs.



INSTRUMENTS

CAPACITANCE METERS

- Measure 0.1 pF to 20,000 μ F in nine selectable ranges
- Accuracy $\pm 0.5\%$ typically
- Zero adjustment ± 20 pF
- Fuse-protected against charged capacitors
- 3 1/2 digits readout
- Overload/out of range indication
- Complete with test alligator clips, spare 200 mA fuse and 9 V battery
- Capacitance Range: 200 pF, 2 nF, 20 nF, 200 nF, 2 μ F, 20 μ F, 200 μ F, 2000 μ F, 20000 μ F



REED

Model No.	Mfg. No.	Description	Price/Each
HF969	K5020	Capacitance Meter	159.00

PHASE ROTATION INDICATORS

WITH OPEN PHASE CHECKER

- Designed to check the presence of an open phase and also the phase sequence with rotating disks and lamps
- Verifies a wide range of 3-phase power sources from 110 V to 600 V
- Colour-coded integrated test leads eliminate the risk of misconnection and meter damage



KYORITSU

Model No.	Mfg. No.	Description	Price/Each
IA185	KEW8031	Phase Rotation Indicator	103.00

CABLE TRACERS

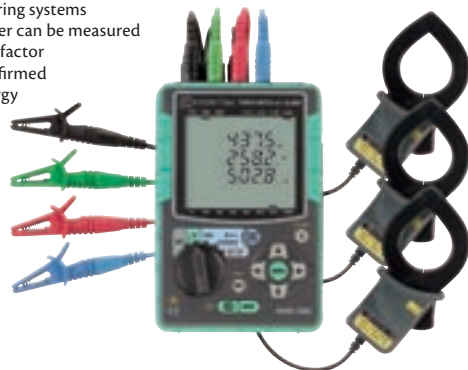
- All components are fully fuse protected and intrinsically safe; and fit into a foam-lined carrying case
- Model R2000 Receiver has two detectors in its tip which are tuned to pick up the electromagnetic signals ('short' mode) or electrostatic signals ('open' mode) generated by other components
- LEDs and sensitivity settings indicate the relative signal strength to allow easy detection of the signal source
- Model S2600 Load Signal Generator, when connected to an energized line, will draw a rapidly fluctuating current pulse from the source, causing the power line to emit an electromagnetic signal which is detected by the R2000 in the 'short' mode
- Model T2200 Transmitter injects a signal into an unenergized conductor. If the conductor is broken (open), no current will flow, so the signal is present as a voltage pulse, which is detected along the conductor's length by the R2000's electrostatic detector ('open' mode)
- Model A2201 Inductive Clamp when clamped around the energized line and plugged into the T2200 will induce a signal onto the downstream (load) side to enable identification of equipment on that circuit
- Includes: Receiver, load signal generator, transmitter, clamp-on transmitter accessory, cordsets and adapter



POWER QUALITY ANALYZERS

EVERYTHING REQUIRED FOR POWER CONSUMPTION & ENERGY SAVING ANALYSIS

- Performs 12 kinds of power measurements
- Measures four types of wiring systems
- Regenerative electric power can be measured
- Electric power and power factor for each phase can be confirmed
- Demand function for energy saving measurements
- Displays three different data simultaneously
- Internal non-volatile memory for non-stop recording up to 10 days
- User-selectable recording interval



KYORITSU

Model No.	Mfg. No.	Description	Price/Each
IA161	KEW6300-01	Electrical Tester	2495.00

AMPROBE

Model No.	Mfg. No.	Description	Price/Each
HD909	AT-2004	Cable Tracing System	1295.00

EARTH RESISTANCE TESTERS

- 0.001 Ω resolution for low resistance measurements
- $\pm 0.01 \Omega$ accuracy
- Record up to 99 resistance measurement values
- Alarm function of resistance limits
- User settable alarm threshold from 1 to 100 Ω
- Measure leakage current and neutral current from 1 mA to 20 A
- Sampling rate of 1 measurement per second
- 3 3/4 LCD digits readout
- Display hold function
- Autoranging
- Double insulated clamp for increased safety
- Jaw opening measures 45 x 32 mm
- Resistance Range: 0.01-0.999 Ω , 1-9.99 Ω , 10-99.9 Ω , 100-199.9 Ω , 200-400 Ω , 400-600 Ω , 600-1200 Ω
- Current Range: 100 mA, 300 mA, 1 A, 3 A, 10 A, 20 A



REED

Model No.	Mfg. No.	Description	Price/Each
HX347	MS2301	Earth Resistance Tester	1395.00

Look for this symbol



for environmentally friendly products!

LOOP CALIBRATORS

- 6-digit LCD readout
- $\pm 0.02\%$ accuracy
- Automatic calibration
- User selectable auto power-off

MEASUREMENT FUNCTIONS:

Voltage Range: -0.200 to 28.000 V
Resolution: 1 mV
Accuracy: $\pm 0.02\%$ reading ± 2 mV
Current Range: -1.000 to 22.000 mA
Resolution: 0.001 mA
Accuracy: $\pm 0.02\%$ reading ± 4 μ A
Loop Current Range: 0.000 to 22.000 mA
Resolution: 0.001 mA
Accuracy: $\pm 0.02\%$ reading ± 4 μ A

OUTPUT FUNCTIONS:

Current Range: 0.000 to 22.000 mA
Resolution: 0.001 mA
Accuracy: $\pm 0.05\%$ setting ± 4 μ A
Analogue Transducer Range: 0.000 to -22.000 mA
Resolution: 0.001 mA
Accuracy: $\pm 0.05\%$ setting ± 4 μ A
Loop Power: 24 V
Accuracy: $\pm 10\%$

GENERAL:

Power Supply: Single 9 V alkaline battery
Battery Life: Approx. 12 hours
Ambient Conditions: -10 to 55 °C; $\leq 80\%$ RH
Dimensions: 200 x 100 x 40 mm w/ holster

Model No. IA412
Mfg. No. VC05
Price/Each \$389.00

REED


TEMPERATURE CALIBRATORS

- 6-digit LCD readout
- Auto-offset cold-end temperature
- Selectable 2-/3-/4-wire connect

MEASUREMENT FUNCTIONS:

- Voltage Range: 0.00 to ± 450.00 mV
- Current Range: 0.00 to 450.00 Ω
- Thermocouple Range:
 R: -40 to 1760 °C; S: -20 to 1760 °C;
 B: 400 to 1800 °C; E: -200.0 to 1000.0 °C;
 K: -200.0 to 1370.0 °C; J: -200.0 to 1200.0 °C;
 T: -200.0 to 400.0 °C; N: -200.0 to 1300.0 °C
- Thermo-Resistance Range:
 Pt100: -200.0 to 850.0 °C;
 Cu50: -50.0 to 150.0 °C

OUTPUT FUNCTIONS:

- Voltage Range: -10.000 to 110.00 mV;
 0.0000 to 1.1000 V
- Resistance Range: 0.00 to 400.0 Ω
- Thermocouple and Thermo-Resistance
 Ranges: Same as measurement function


REED

Model No.	Mfg. No.	Description	Price/Each
IA413	VC14	Temperature Calibrator	795.00

CURRENT/VOLTAGE CALIBRATORS

- Full function calibrator with multiple input/output ranges for both current and voltage
- 6-digit LCD readout
- $\pm 0.02\%$ accuracy
- Automatic calibration
- User selectable auto power-off

MEASUREMENT FUNCTIONS:

- Voltage Range: 0.000 to 11.000 V
- Current Range: 0.000 to 22.000 mA
- Loop Current Range: 0.000 to 22.000 mA

OUTPUT FUNCTIONS:

- Voltage Range: 0.000 to 11.000 V
- Current Range: 0.000 to 22.000 mA
- Loop Power Range: 24 V


REED

Model No.	Mfg. No.	Description	Price/Each
IA414	VC15	Current/Voltage Calibrator	795.00

TEMPERATURE SIMULATORS

- 6-digit LCD readout
- Auto calibration
- Voltage Range: -10.00 to 110.00 mV;
 -100.00 to 1100.0 mV
- Resistance Range: 0.0 to 400.0 Ω
- Thermocouple Range:
 R: -40 to 1760 °C; S: -20 to 1760 °C;
 B: 400 to 1800 °C; E: -200.0 to 1000.0 °C;
 K: -200.0 to 1370.0 °C; J: -200.0 to 1200.0 °C;
 T: -200.0 to 400.0 °C; N: -200.0 to 1300.0 °C
- Thermo-Resistance Range: Pt100: -200.0 to 850.0 °C; Cu50: -50.0 to 150.0 °C


REED

Model No.	Mfg. No.	Description	Price/Each
IA410	VC01	Temperature Simulator	389.00

CURRENT/VOLTAGE CALIBRATORS

- Combines voltage and current, source and read functions into one instrument
- 5-digit LCD readout
- $\pm 0.05\%$ accuracy
- Automatic calibration
- User selectable auto power-off

MEASUREMENT FUNCTIONS:

- Voltage Range: 0.000 to 22.000 mV
- Current Range: 0.000 to 22.000 mA
- Loop Current Range: 0.000 to 22.000 mA

OUTPUT FUNCTIONS:

- Voltage Range: 0.000 to 11.000 V
- Current Range: 0.000 to 22.000 mA
- Loop Power Range: 24 V


REED

Model No.	Mfg. No.	Description	Price/Each
IA411	VC04	Current/Voltage Calibrator	389.00

INFRARED TEMPERATURE CALIBRATORS

- This portable infrared temperature calibrator is as easy to use, just point and shoot
- For calibrating non-contact infrared thermometers up to 500 °C (932 °F)
- Temperature controlled black-body target with a diameter of 2.25" (57 mm)
- Wide field of view to compensate for optical variations in individual infrared thermometers
- Simply set the desired temperature in increments of 0.1°, wait for the calibrator to attain equilibrium, point the infrared thermometer at the target, and measure the radiated energy
- Contact RTD reference well is located directly behind the blackbody target to assure even higher accuracies of ± 0.1 °C

Model No. IA548 Mfg. No. BX-500 Price/Each \$1195.00

REED


INSTRUMENTS

FOOD SERVICE INFRARED THERMOMETERS

- Contact and non-contact food service thermometer
- Optical Resolution: 12:1 (Distance: Spot size)
- Infrared thermometer features laser sighting
- Accepts any Type K thermocouple probe with mini-connector
- Choice of five different colour faceplates - choose a different colour faceplate for each department or food category
- Large backlit LCD readout
- Max, Min, Diff and Avg. displays
- Programmable Hi/Lo alarms
- Lock feature for continuous monitoring
- Includes holster/case

SPECIFICATIONS:

Range:	-60° to 500°C (-76° to 932°F)
Resolution:	±1.0°C (±1.0°F)
Accuracy:	±2% rdg. or ±2°C, whichever is greater
Response Time:	1 second
Spectral Response:	8 to 14 µm
Emissivity:	Preset at 0.97
Optical Resolution:	12:1 (Distance: Spot size)
Type K Thermocouple	
Probe Range:	-64° to 1400°C (-83° to 1999°F)
Accuracy:	±1% rdg. or ±1°C, whichever is greater
General	
Power Supply:	2 x AAA alkaline batteries
Dimensions:	175 x 39 x 72 mm (6.9 x 1.5 x 2.8")
Weight:	137 g



Thermor

Model No.	Mfg. No.	Description	Price/Each
IA432	PS200	Food Service Infrared Thermometer	115.58

INFRARED THERMOMETERS

- Precise non-contact temperature measurements
- Temperature Range: -58° to 1832°F (-50° to 1000°C)
- Fahrenheit/Celsius selectable
- Digitally adjustable emissivity from 0.10 to 1.0
- High and low alarm setpoints
- Max, Min and Dif. Avg. temperature displays
- Built-in laser pointer
- Large LCD with backlight and display hold
- Includes: Battery and carrying case
- 50:1 distance to spot size ratio



REED

Model No.	Mfg. No.	Description	Price/Each
IA084	ST-8839	Infrared Thermometer	289.00

INFRARED THERMOMETERS

- Two-in-one thermometer combines infrared and K-thermocouple probe temperature measurement
- Infrared thermometer with integral type K thermocouple input
- IR Temperature Range: -58 to 1922°F (-50 to 1050°C)
- T/C Temperature Range: -58 to 2498°F (-50 to 1370°C)
- Built-in laser pointer identifies target area
- Digitally adjustable emissivity from 0.10 to 1.0
- 30:1 distance to spot size ratio
- Automatic emissivity capture
- High and low alarms
- Max, Min, Avg, Diff record
- 20 data points of memory
- Display backlighting
- Auto data hold and auto shut off
- Trigger lock
- Includes: Type K thermocouple probe, battery, and carrying case



REED

Model No.	Mfg. No.	Description	Price/Each
IA496	ST-8835	Infrared Thermometer w/ Type K/T/C	169.00

INFRARED THERMOMETERS

- Fast and safe way to measure surface temperatures, without contact
- Easy to use - just point, shoot and read
- Temperature Range: 0° to 500°F or -18° to 260°C
- Fahrenheit/Celsius selectable
- Fixed emissivity of 0.95
- 6:1 Distance to Spot Size ratio
- Large LCD with backlight and display hold
- Model HN235 features laser sighting
- Carrying case extra



HN235

Raytek

Model No.	Mfg. No.	Description	Price/Each
HN235	RAYMT4U	Infrared Thermometer w/ Laser Sighting	89.00
HX034	RAYMTAPK	Soft Pouch w/ Wrist Strap	20.00

INFRARED THERMOMETERS

- Pocket-sized, troubleshooting infrared thermometer with laser sighting
- Temperature Range: -4° to 518°F (-20° to 270°C)
- User selectable °F or °C
- Fixed 0.95 emissivity covers 90% of surface applications
- 6:1 Distance to Spot size ratio
- Built-in laser pointer identifies target area
- Auto data hold, Max hold and Auto shut off
- Overload and low battery indications



REED

Model No.	Mfg. No.	Description	Price/Each
HX364	IR-88	Infrared Thermometer	59.00

INFRARED THERMOMETERS

- Pocket-sized and easy-to-use - just point, shoot and read
- Unique flat surface and modern housing design
- User selectable °F or °C
- Built in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Overrange indicator, auto data hold (when trigger released) and auto shut off
- Fixed 0.95 emissivity covers 90% of surface applications
- 8:1 Distance to Spot size ratio
- Includes: Battery and carrying case
- Model HX242 Range: -58° to 536°F (50° to 280°C)
- Model HX243 Range: -58° to 1022°F (50° to 550°C)



HX243

REED

Model No.	Mfg. No.	Description	Price/Each
HX242	ST-880	Infrared Thermometer	89.00
HX243	ST-882	Infrared Thermometer	109.00

IR-500 INFRARED THERMOMETERS

- Laser sighting, non-contact temperature measurement
- Easy to use: one button operation
- Backlit LCD display
- Wide -18°C (0°F) to 260°C (500°F) temperature range
- Capacity to change from Fahrenheit to Celsius
- Powered by 9 V battery (included)



Model No.	Description	Price/Each
XB925	IR-500 Infrared Thermometer	151.97

MILWAUKEE® LASER TEMP-GUN™ THERMOMETERS

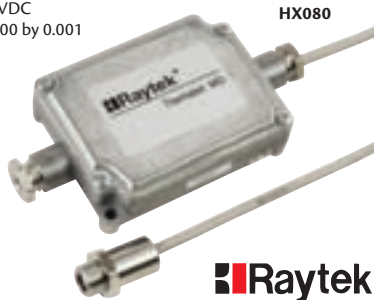
- Temperature Range: -30 to 500°C (-20 to 932°F)
- Basic Accuracy: 1.50%
- Repeatability: 0.50%
- Display Resolution: 0.1°C (0.1°F)
- 12:1 distance to spot ratio
- Response Time: <500 mS
- Emissivity: 0.95
- Hold and Max features
- Configurable Hi/Low alarm limits
- K-Type thermocouple input
- Large white-on-black display for clearer readings



Model No.	Mfg. No.	Description	Price/Each
IA648	2266-20	Laser Temp-Gun™ Thermometer	175.52

INFRARED SENSORS

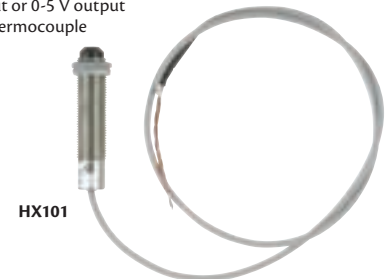
- Small sensing head fits where other sensors can't
- Ambient operating range to 85°C (185°F) without cooling
- Selectable outputs include: type J or K thermocouples, 4-20, 0-20 mA or 0-5 VDC
- Adjustable emissivity from 0.100 to 1.100 by 0.001
- Selectable peak hold, valley hold and averaging functions
- 5-digit backlit LCD user interface
- 1% accuracy from -40° to 600°C (-40° to 1112°F)
- 10:1 optics
- Remote electronics box
- Optional RS-232 digital communications for remote setup and monitoring



Model No.	Mfg. No.	Description	Price/Each
HX080	RAYMID10LT	Infrared Temperature Sensor, 1-m cable	638.00
IA089	RAYMID10LTCB3	Infrared Temperature Sensor, 3-m cable	676.00
IA090	RAYMID10LTCB8	Infrared Temperature Sensor, 8-m cable	738.00
IA091	RAYMID10LTCB15	Infrared Temperature Sensor, 15-m cable	822.00

INFRARED SENSORS

- Two models cover temperatures ranges from 0° to 500°C (32° to 932°F)
- Designed for easy integration into standard 4-wire systems
- J-type or K-type thermocouple output or 0-5 V output
- Same 50 Ω output impedance as a thermocouple so it functions without offset errors
- Fixed emissivity at 0.95
- 5:1 optics at 90° energy
- Rugged IP-65 NEMA-4 stainless steel housing



Model No.	Mfg. No.	Description	Price/Each
HX101	RAYC1A	Infrared Temperature Sensor, Type J Thermocouple Output	315.00
HX076	RAYC1A	Infrared Temperature Sensor, Type K Thermocouple Output	315.00
HX077	RAYC1A	Infrared Temperature Sensor, Linear Voltage Output, 10 mV/°C	315.00

INFRARED SENSORS

- Simple, two-wire connection is easily integrated into a closed system
- Configure individual sensors to your system point-to-point or multidrop up to 15 sensors on a single loop
- Two-way digital communications
- Simultaneous access to 4-20 mA and digital outputs
- Compact, rugged sensor with NEMA-4 (IP 65) rating
- Adjustable emissivity from 0.10 to 1.00
- 8 to 14 microns spectral response
- Wide temperature range from -18° to 500°C (0° to 932°F)
- Windows software for remote configuration and monitoring
- Advanced Peak/Valley Hold algorithms have been incorporated to support changing process variables. Adjust hold times, trigger thresholds, hysteresis settings, fail-safe, and out-of-range output signals remotely
- Choice of focus distances
- Special models for glass and plastics applications



Model No.	Mfg. No.	Description	Price/Each
IA092	RAYTXSLTSP	Low Temperature Infrared Sensor w/ 33:1 Optics	1919.00
IA093	RAYTXSLTSPF	Low Temperature Infrared Sensor w/ 15:1 Optics	1838.00
IA094	RAYTXSLTFC1	Low Temperature Infrared Sensor, Close Focus 1	1919.00
IA095	RAYTXSLTFC2	Low Temperature Infrared Sensor, Close Focus 2	1919.00

PANEL METERS & INFRARED SENSORS

- Two-piece temperature monitoring system that combines a compact monitor with an infrared sensing head
- Advanced processing capabilities including peak and valley hold, averaging, and a user-adjustable offset
- Compact 1/8 DIN monitor with 4-digit LED display
- User-defined 4-20 mA output
- Adjustable dual setpoints and deadband alarm outputs
- Universal 110-220 VAC power
- All monitor functions are configured via the front panel, including °C/°F switching
- Temperature range from -18° to 538°C (0° to 1000°F)
- Adjustable emissivity and t-ambient parameters
- Field interchangeable sensing heads
- GPR is a high performance, 8 to 14 micron infrared sensor with detachable cable that combines current loop driven signals with 35:1 optics

IA085



IA087



Model No.	Mfg. No.	Description	Price/Each
IA085	RAYGPC	Thermalert Monitor	569.00
IA086	RAYGPCM	Panel Mount Meter	607.00
IA087	RAYGPRSF	Regular Sensing Head, Standard Focus, 35:1 D:S Ratio	1122.00
IA088	RAYGPSSFL	Laser-sighted Sensing Head	1613.00

INSTRUMENTS

PRE-PROGRAMMED THERMOMETERS/TIMERS

- Pre-programmed cooking temperatures for different meats and tastes
- Select taste setting: Rare to well done
- Displays preset and internal cooking temperatures
- Stainless steel probe with 1 m heat resistant wire
- °C/°F switchable
- Temperature Range: -10° to 200°C (14° to 392°F)
- Weight: 6.4 oz



Model No.	Mfg. No.	Description	Price/Each
HX158	DT100	Thermometer/Timer	29.15

INDOOR/OUTDOOR THERMOMETERS W/CLOCK

- Registers both indoor and outdoor temperatures with Min/Max memory
- 12-hour clock
- Wide temperature range: -50° to 70°C
- Full 1" high LCD digits
- 10' cable to remote temperature sensor
- Desk mount or wall mount by two sided tape or screws
- Operated by single "AAA" size battery (included)
- Dimensions: 4" x 4" x 3/4"



Model No.	Mfg. No.	Description	Price/Each
HA285	119	Thermometer w/Clock	39.20

INDOOR/OUTDOOR WIRELESS THERMOMETERS & HYGROMETERS

- Indoor/outdoor temperature
- Min/max memory
- 3 m/9.8' wired sensor probe
- Time and date
- °C/°F switchable
- Large LCD display
- Temperature trend
- Time and alarm features
- Freeze alarm



Model No.	Mfg. No.	Price/Each
IA808	313BC	28.96

INDOOR/OUTDOOR WIRELESS HUMIDEX THERMOMETERS

- Displays humidex and heat index
- Humidex and heat index is a combination of temperature and humidity into one number to reflect perceived temperature
- Heat stress index scale
- Indoor and outdoor temperature
- Outdoor humidity
- Min/max memory
- °C and °F switchable
- Wireless transmission range: 45 m/150'



Model No.	Mfg. No.	Description	Price/Each
IA504	260BC	Wireless Humidex Thermometer	63.32

INDOOR/OUTDOOR WIRELESS THERMOMETERS

- Indoor and outdoor temperature
- Min/max memory
- °C and °F switchable
- Wireless transmission range: 30 m/100'



Model No.	Mfg. No.	Description	Price/Each
IA505	261BC	Indoor/Outdoor Wireless Thermometer	39.20

INDOOR THERMOMETERS FOR HUMIDITY & TEMPERATURE

- Indoor temperature and relative humidity
- Min/max memory
- °C and °F switchable



Model No.	Mfg. No.	Description	Price/Each
IA506	263BC	Thermometer for Humidity & Temperature	22.11

INDOOR HYGROMETERS WITH BIOS COMFORT SCALE

- Bios comfort scale indicates ideal humidity range for home and personal health
- Indoor temperature
- Min/max memory
- °C and °F switchable



Model No.	Mfg. No.	Description	Price/Each
IA497	258BC	Indoor Hygrometer	29.15

MINI TIMERS

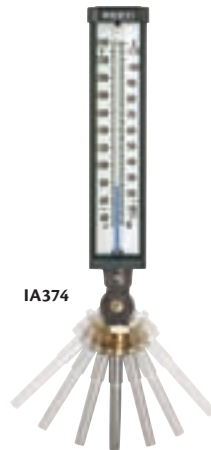
- Easy to use
- Slim design
- Counts up and down
- Magnetic back
- Pocket size
- Rubberized finish



Model No.	Mfg. No.	Description	Price/Each
IA809	138HC	Mini Timer	3.18

VARIABLE ANGLE INDUSTRIAL THERMOMETERS

- V-shape case, molded of GE Valox® polyester, is 9" in length. Heavy glass protected front firmly secured against rattles by spring action
- For 3-1/2" stems only and ranges up to and including 300°F, the stem material is a precision die cast Zamac alloy
- Adjustable case locknut and angle adjusting screw work independently to provide a full 360° positioning of thermometer case and stem
- Adjustable joint completely encloses capillary to prevent tampering and foreign matter for entering instrument
- Tube and capillary are blue spirit filled-magnifying lens "blue reading" tube. Precision made to guarantee accuracy within 1% of scale range. Silicone shock mounted for lasting durability.
- Scale is locked in place and adjusted through top of scale



IA374

BI-METAL THERMOMETERS

- All welded stainless steel construction
- Easy external recalibration adjustment
- 3" diameter anti-parallax dial
- Hermetically sealed per ASME B40.3
- Accurate to 1% per ASME B40.3 Grade A
- Over-range protection is 50% up to 500°F
- 1/2" NPT straight connection



IA266

REED

Model No.	Mfg. No.	Description	Price/Each
IA266	T30025-250	0 to 250 °F/-20 to 120 °C, 2-1/2" stem	35.00
IA268	T3004-250	0 to 250 °F/-20 to 120 °C, 4" stem	35.00
IA270	T3006-250	0 to 250 °F/-20 to 120 °C, 6" stem	35.00
IA272	T3009-250	0 to 250 °F/-20 to 120 °C, 9" stem	35.00
IA267	T30025-550	50 to 550 °F/0 to 260 °C, 2-1/2" stem	35.00
IA269	T3004-550	50 to 550 °F/0 to 260 °C, 4" stem	35.00
IA271	T3006-550	50 to 550 °F/0 to 260 °C, 6" stem	35.00

REED

Model No.	Mfg. No.	Description	Price/Each
IA370	9VU35-115	Industrial Thermometer, -40 to 110 °F/-40 to 93 °C	49.00
IA371	9VU35-125	Industrial Thermometer, 0 to 120 °F/-17 to 49 °C	49.00
IA372	9VU35-165	Industrial Thermometer, 0 to 160 °F/-17 to 71 °C	49.00
IA373	9VU35-185	Industrial Thermometer, 30 to 180 °F/-6 to 82 °C	49.00
IA374	9VU35-245	Industrial Thermometer, -40 to 240 °F/0 to 114 °C	49.00
IA375	9VU35-305	Industrial Thermometer, 30 to 300 °F/0 to 149 °C	49.00

STEM THERMOMETERS

- Large, easy-to-read LCD
- Fahrenheit/Celsius switchable
- Range: -40° to 450°F (-40° to 230°C)
- Accuracy: 0° to 230°F: ± 1.0°F; < 0°F: ± 3.6°F; > 230°F: ± 3.6°F
- Resolution: 0.1°F/°C
- 5" stainless steel stem
- Handy nylon case with shirt pocket clip included



HD558

REED

Model No.	Mfg. No.	Description	Price/Each
HD558	PS100	Digital Stem Thermometer	24.12

STEM THERMOMETERS

- 1" diameter pocket thermometer
- Easy-to-read LCD numerals
- Fahrenheit/Celsius switchable
- Range: -40° to 302°F (-40° to 150°C)
- Accuracy: ± 2°F or ± 1°C
- 5" stainless steel stem
- Immerse stem at least 1" for accurate readings
- Handy nylon case with shirt pocket clip included



HX502



Model No.	Mfg. No.	Description	Price/Each
HX502	DT130	Digital Stem Thermometer	19.10

SURFACE THERMOMETERS

- Specifically designed to be used on horizontal or ferrous non-horizontal surfaces
- Two alnico magnets that act as the thermometer's base and hold it in place on ferrous surfaces
- Bimetallic sensor is a specially processed alloy that is preconditioned and pretested for permanent calibration and maximum stability
- Sensor is located in a draft shield and is in virtual thermal contact with the surface to be measured
- Sensing equilibrium (stability) is reached within three minutes and is accurate to ± 2% of full scale



HB592

REED

Model No.	Mfg. No.	Temperature Range	Divisions	Price/Each
HB592	312FC	0° to 250 °F/-20° to 120 °C	2 °F/1 °C	29.00
HB598	314FC	50° to 750 °F/10° to 400 °C	10 °F/5 °C	29.00

WATERPROOF DIGITAL STEM THERMOMETER

- Temperature Range: -40° to 450°F (-40° to 230°C)
- Accuracy: ± 0.5°C (± 1°F)
- Fahrenheit/Celsius selectable via push button
- Compact pen-style design
- Stainless steel stem
- On-site calibration possible
- Waterproof construction and maximum temperature memory make this thermometer ideal for verifying dishwasher temperatures
- Includes protective case that has internal cooking temperatures of most common meat products conveniently printed on its face



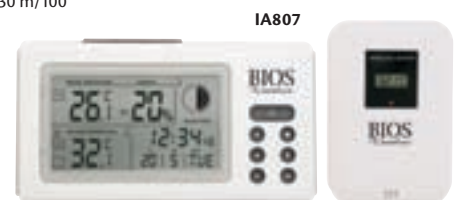
IA542

BIOS Weather

Model No.	Mfg. No.	Description	Price/Each
IA542	DT131	Digital Stem Thermometer	22.11

INDOOR/OUTDOOR THERMOMETERS W/CLOCK

- Indoor/outdoor temperature
- Indoor relative humidity: 20% to 95% RH
- Wireless transmission up to 30 m/100'
- Multiple sensor capability
- Min/max memory
- Moon phase
- Backlight



IA807

BIOS Weather

Model No.	Mfg. No.	Price/Each
IA807	312BC	10.28

Call us for all
your Instrument
& Electrical
requirements!



INSTRUMENTS

4-CHANNEL THERMOMETERS

- Measures and displays four separate temperatures simultaneously
- Calculates and displays temperature differentials (T1-T2)
- Accepts Type K, J, R, S, E, T thermocouples and Pt 100Ω RTD
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- Temperature is measured in °C or °F
- Type J Temp. Range: -50° to 1200 °C
- Type K Temp. Range: -50° to 1300 °C
- RTD Temp. Range: -199° to 850 °C

IA792



DIGITAL THERMOMETERS

- Temperature Range: -58 to 2000 °F (-50 to 1300 °C)
- User selectable °C or °F
- User selectable 0.1°C or 1°C (0.1°F or 1°F) resolution
- Accuracy to 0.5%
- Display maximum reading plus data hold
- Large LCD display with backlight
- Accept K-type thermocouples
- Includes: 9 V battery and holster

HX381



REED

Model No.	Mfg. No.	Description	Price/Each
IA792	SD-947	4-Channel Thermometer	219.00

REED

Model No.	Mfg. No.	Description	Price/Each
HX381	ST-610B	Single Input Thermocouple Thermometer	99.00

TYPE K THERMOCOUPLE PROBES

MODEL HN209 SURFACE PROBES

Ribbon-style surface probe.
Maximum Temperature: 400 °C.



HN209

MODEL HN210 SPRING-LOADED SURFACE PROBES

Spring loaded probe is ideal for all high temperature surface measuring requirements. Extremely fast response time. Not recommended for use as an immersion probe. Maximum Temperature: 500 °C.



HN210

MODEL HN211 RIGHT ANGLE SURFACE PROBES

Unique right angle design allows temperature of hard to reach areas to be taken. Great for monitoring temperature inside pipes, also flat surfaces without keeping hands over heated area. Maximum Temperature: 400 °C.



HN211

MODEL HN212 AIR/GAS PROBES

Specifically designed to measure air or gases in heating and cooling units, ovens and engine exhausts. Perforated shield permits fast response while providing exceptional element protection. Maximum Temperature: 800 °C.



HN212

MODEL HN213 NEEDLE TIP PROBES

Medium gauge hypodermic needle tip, used to measure softer food stuffs, rubbers and solids. Ideal for use in industrial, laboratory and chemical environments. Maximum Temperature: 800 °C.



HN213

MODEL HN214 GENERAL PURPOSE PROBES

Used to measure both air and liquids, but it is best recommended for immersion applications. Excellent for checking temperature of oils, water and non-corrosive fluids. Maximum Temperature: 700 °C.



HN214

REED

Model No.	Mfg. No.	Description	Price/Each
HN209	LS-109	Surface Thermocouple Probe	69.00
HN210	LS-139	Spring-loaded Surface Thermocouple Probe	79.00
HN211	LS-104	Right-angle Surface Thermocouple Probe	89.00
HN212	LS-103	Air/Gas Thermocouple Probe	69.00
HN213	LS-134 A	Needle Tip Thermocouple Probe	69.00
HN214	LS-107	General Purpose Thermocouple Probe	69.00

Can't find what
you're looking for?
Call us today!



PSYCHROMETERS

- Digital psychrometer and infrared thermometer in one unit
- Psychrometer calculates wet bulb, dew point and T1-T2
- Infrared thermometer measures surface temperatures from -40° to 932°F
- Infrared thermometer features built-in laser pointer, 8:1 distance to target ratio and adjustable emissivity
- Triple display with backlighting
- Max/Min Hold, °C/°F selectable and battery level indicators
- Retractable humidity sensor for protection during transport
- Optional RS-232 cable allows user to download readings
- Humidity Range: 0 to 100% RH
- Dew Point Range: -90° to 122°F (-68° to 50°C)
- Wet Bulb Range: -5° to 122°F (-21° to 50°C)
- Air Temp. Range: -4° to 122°F (-20° to 50°C)
- IR Temp. Range: -40° to 932°F (-40° to 500°C)



REED

Model No.	Mfg. No.	Description	Price/Each
IA038	8857	Psychrometer/Infrared Thermometer	179.00

PSYCHROMETERS

- Simultaneous display with % RH, temperature and dew point or wet bulb or external probe temperature (requires IA108)
- Calculates T1-T2 (Air temp. - External probe temp.) (requires IA108)
- Triple display with backlighting
- Max/Min readings
- Sensor cap closes to protect probe during storage
- Model IA107 features a built-in datalogger (stores up to 99 data points)
- Retrieve Max/Min/Avg readings from stored data
- Real time clock
- Humidity Range: 0 to 100% RH
- Dew Point Range: -90° to 122°F (-68° to 50°C)
- Wet Bulb Range: -5° to 122°F (-21° to 50°C)
- Internal Temp. Range: -4° to 122°F (-20° to 50°C)
- External Temp. Range: -4° to 158°F (-20° to 70°C)



IA107

REED

Model No.	Mfg. No.	Description	Price/Each
IA000	8706	Digital Psychrometer	99.00
IA107	8726	Digital Psychrometer/Data Logger	129.00
IA108	87P6	Temperature Probe	20.00

INDOOR AIR QUALITY METERS

- Simultaneously monitors carbon dioxide (CO₂), relative humidity and temperature dew point and wet-bulb temperatures can also be displayed
- High resolution LCD with backlight display
- Displays STEL readings (short-term exposure limit) over a 15-minute period and TWA readings (Time-weighted average) over a period of 8 hours
- Maximum, minimum and average functions
- Audible warning alarm of excessive CO₂ concentrations
- RS-232 serial interface

SPECIFICATIONS:

CO ₂ Range:	0 to 5,000 ppm
Resolution:	1 ppm
Accuracy:	±5% rdg. ±50 ppm
Temperature Range:	-10 to 60°C (14 to 140°F)
Resolution:	0.1°C/°F
Accuracy:	±0.6°C (±0.9°F)
Humidity Range:	0 to 99.9% RH
Resolution:	0.1% RH
Accuracy:	±3% RH @ 25°C (10 to 90% RH), ±5% RH <10% & >90%
Dew Point Range:	-73.4 to 60°C
Wet Bulb Range:	-13.3 to 60°C
Response Time:	30 seconds
Power Supply:	4 x "AA" alkaline batteries
Battery Life:	24 hours



REED

Model No.	Mfg. No.	Description	Price/Each
IA645	77535	Air quality meter	449.00

TEMP/RH DATA LOGGERS

- Dual input
- Triple display
- 16 000 record data logger
- Max/Min/Hold functions
- Timer function
- Auto power off
- Temperature Range/Accuracy:
-4° to 140°F: ±1.4°F/-20° to 60°C: ±0.7°C;
-328° to 2498°F: ±0.3% rdg. +2°F
-200° to 1370°C: ±0.3% rdg. +1°C
- Humidity Range/Accuracy:
0 to 100% RH/±2.5% RH
- Includes battery, manual, carrying case, K-type bead sensor, RS232 cable and Windows® software



REED

Model No.	Mfg. No.	Description	Price/Each
IA103	C-314	Thermo-Hygrometer/Datalogger	339.00

DUAL DIGITAL TIMERS

- Hours, minutes and seconds
- Counts up or down
- Digital clock (12/24 hour selectable)
- 2 channels for timer setting
- Magnetic back, built-in clip, retractable stand



HX501

BIOS
Professional

Model No.	Mfg. No.	Description	Price/Each
HX501	DT123	Digital Timer	22.55

JUMBO DIGITAL TIMERS

- Jumbo LCD display
- Minutes and seconds
- Count down timer
- 30-second beeper alarm
- Memory recalls previous time setting
- Magnetic back, built-in clip, retractable stand



HX500

BIOS
Professional

Model No.	Mfg. No.	Description	Price/Each
HX500	DT122	Digital Timer	14.77

INSTRUMENTS

HEAT STRESS METERS

- Wet Bulb Globe Temperature (WBGT) considers the effects of temperature, humidity and direct or radiant sunlight
- Heat Stress Index measures how hot it feels when humidity is combined with temperature, air movement and radiant heat
- Black Globe Temperature (TG) monitors the effects of direct solar radiation on an exposed surface
- In/Out function displays the WBGT value with or without direct sun exposure
- View individual temperatures or indices in either °F or °C
- User adjustable WBGT threshold with audible alarm if threshold is exceeded
- Built-in RS232 interface
- Tripod mount design for long term monitoring

SPECIFICATIONS:

Air Temp. Range: 0.0 to 50.0°C (32 to 122°F)
Black Globe Temp. Range: 0.0 to 80.0°C (32 to 176°F)
WBGT Temp. Range: 0.0 to 50.0°C (32 to 122°F)
Humidity Range: 0 to 100% RH

REED

Model No.	Mfg. No.	Description	Price/Each
IA639	8778	Heat Stress Meter	225.00
IA447	BS-6	Tripod	59.00
HX515	HR33	33% Humidity Calibration Standard	60.00
HX514	HR75	75% Humidity Calibration Standard	60.00
IA452	VZRS232BN	RS-232 Cable & Software	79.00



HEAT STRESS METERS

- Measures indoor and outdoor WBGT (Wet Bulb Globe Temperature), Black Globe (TG) temperature, humidity, wet bulb, dew point and air temperatures
- Adjustable audible WBGT alarm setting
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- Temperature is measured in °C or °F

SPECIFICATIONS

Indoor WBGT Range: 0° to 59 °C
Outdoor WBGT Range: 0° to 56 °C
TG Temp. Range: 0° to 80 °C
Air Temp. Range: 0° to 50 °C
Humidity Range: 5 % to 95 % RH

REED

Model No.	Mfg. No.	Price/Each
IA794	SD-2010	379.00



THERMO-HYGROMETERS

FEATURES:

- All in one, pen type, easy carryout
- Hold function to freeze display value
- Built in reverse display button
- Temperature unit: °C/°F (internal adjustment)
- Humidity measurement with fast response time

SPECIFICATIONS:

Humidity Range: 10 % to 100 % RH
Temp. Range: 0° to 50 °C
Power Supply: 1 x DC 1.5 V battery (UM-4, AAA) x 4

REED

Model No.	Mfg. No.	Description	Price/Each
IA424	PHT-316	Humidity/Temp Meter	99.00



THERMO-HYGROMETERS

COMPACT THERMO-HYGROMETER WITH INTEGRAL PROBE FOR CONVENIENT ONE-HAND OPERATION

- Dual LCD readout shows ambient temperature and relative humidity
- User selectable °F/°C
- Min/Max memory for both functions
- Data hold and relative functions
- Auto power off
- Includes battery
- Humidity Range: 0 to 100 % RH
- Temperature Range: -4 to 140 °F (-20 to 60 °C)

REED

Model No.	Mfg. No.	Description	Price/Each
IA441	C-315	Thermo-Hygrometer	139.00



THERMO-HYGROMETERS

- Measures relative humidity as well as temperature with a type J/type K thermocouple thermometer
- Also measures dew point and wet bulb temperatures
- Data hold and Max/Min record
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- Temperature is measured in °C or °F

SPECIFICATIONS

Humidity Range: 10 % to 95 % RH
Type J Temp. Range: -50° to 1200 °C
Type K Temp. Range: -50° to 1300 °C

REED

Model No.	Mfg. No.	Description	Price/Each
IA793	SD-3007	Thermometer/Hygrometer	259.00



THERMO-HYGROMETERS

- Dual LCD display shows ambient temperature and relative humidity
- Humidity Range: 10 % to 95 % RH
- Temperature Range: 0° to 50 °C/32° to 122 °F
- User selectable °C/°F
- Data Hold and Min/Max function
- Compact and lightweight
- Battery included

REED

Model No.	Mfg. No.	Description	Price/Each
HX287	LM-81HT	Thermometer-Hygrometer	99.00
HN413	CA-52 A	Soft Carrying Case	15.00



HX287

TEMP/RH DATA LOGGERS

MODEL IA100:

- Records temperature and relative humidity
- Temperature Range: -40° to 85°C (-40° to 185°F)
- Humidity Range: 0 to 100% RH
- °F or °C selectable
- LCD display
- Logs data for days, weeks or months
- Programmable sampling rate from 1 second to 2 hours
- Three start modes: scheduled, immediate or magnetic
- Records up to 16 000 readings
- Real-time clock stores data and time
- Data is retained in non-volatile memory
- User-defined min/max alarm settings
- Thermistor style sensor

MODEL IA101:

- Kit includes docking station, RS-232 cable and Windows® compatible software
- Enables user to log data, create graphs and program **IA100**

MODEL IA102:

- Self-standing, battery-operated programming unit and printer, eliminates the need for a PC
- Enables user to download, print or graph the logged data anytime, anywhere

Model No.	Mfg. No.	Description	Price/Each
IA100	8829	Temperature/Humidity Data Logger	129.00
IA101	8818	Data Logger Kit	59.00
IA102	9801	Printer	299.00



IA101



IA102

Shown with IA100 not included

REED

TEMP/RH DATA LOGGERS

MONITORS BOTH AMBIENT TEMPERATURE & RELATIVE HUMIDITY

- Stores up to 16 000 temperature and 16 000 humidity readings
- User selectable measurement rate from 2 seconds to 24 hours
- Alarm display if user-defined max/min values are exceeded
- Displays all status information through two LEDs
- Simply plug the logger into the USB port of your computer to begin downloading - no cables or wires are required
- Includes wall mount bracket and Windows® compatible software
- Temperature Range: -40 to 70°C (-40 to 158°F)
- Humidity Range: 0 to 100% RH



Wall mount bracket included

REED

Model No.	Mfg. No.	Description	Price/Each
IA449	ST-171	Temperature/Humidity Data Logger	89.00

TEMP/RH DATA LOGGERS

- Records up to 32 700 ambient temperature and relative humidity readings
- User selectable recording intervals from 1 s to 24 h
- Minimum/Maximum function with alarm
- Real-time clock stores data and time
- LCD readout displays current temperature (°F or °C) or humidity reading, min/max reading with date and time
- Download data directly to a PC via USB cable supplied
- Includes data logger, mounting bracket with screws, USB cable, software diskette, security lock and battery
- Temperature Range: -40 to 70°C (-40 to 158°F)
- Humidity Range: 0 to 100% RH

**REED**

Model No.	Mfg. No.	Description	Price/Each
IA680	ST-172	Temperature/RH Data Logger	149.00

TEMP/RH TRANSMITTERS

- Designed to continuously monitor ambient temperature and humidity
- Transmits both temperature and relative humidity data to any controller to provide feedback on user-defined settings
- Selectable 4-20 mA current or 0-1 V, 0-2 V, 0-5 V outputs
- Easy to setup and operate
- Wall mountable
- Temperature Range: 0° to 85°C (32° to 185°F)
- Humidity Range: 0 to 100% RH

**REED**

Model No.	Mfg. No.	Description	Price/Each
IA104	3501	Temperature/RH Transmitter, 4-20 mA output	179.00



3M™ SOUND DETECTORS SD-200

- Compact, lightweight and user friendly
- LED Alert screen provides a quick visual reference of sound levels
- Provides average sound pressure level and delivers a steadier reading in environments such as manufacturing facilities or machine shops where noise levels are often highly variable

Temperature ranges:

- Operating temperature: 32 °F to 104 °F (0 °C to 40 °C)
- Relative humidity: 0%- 90%, non-condensing

Specifications:

- Size: 6.5" x 2.4" x .9" / 16.5 cm x 6.1 cm x 2.3 cm
- Weight: 4.4 oz (125 g) approx.
- Battery: Lithium polymer (1000 mAh), rechargeable
- Run-time: 50+ hours without LEDs activated
- Low battery indicator

Measurements:

- Sound Pressure Level (SPL), Average value (LEQ /LAVG), LED Alert (with Hearing Protection icon), Maximum value (MAX), Minimum value (MIN), Run-Time, Overload (OL), and Under-Range (UR)
- Linearity range: 45 to 130 dB (Dynamic Range)
- Weighting: A or C
- Exchange Rate (ER): 3 dB or 5 dB
- LED Alert Levels:
Green LED Flashes when noise measurements are between 80 to 85 dB
Yellow LED Flashes when noise measurements are between 85 to 105 dB
Red LED Flashes when noise measurements are above 105 dB

Model No. IA848

Price/Each 367.00



ENVIRONMENTAL METERS

- Measures relative humidity, air velocity, light levels, and temperature with a type J/type K thermocouple thermometer
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- Air velocity is measured in m/s, ft/min, km/h, mph or knots
- Light levels are measured in ftc or lux
- Light range: 0 to 20 000 lux
- Humidity range: 5 % to 95 % RH
- Air velocity range: 0.4 to 25.0 m/s
- Temp. range: J: -50° to 1200 °C; K: -50° to 1300 °C



REED

Model No.	Mfg. No.	Price/Each
IA795	SD-9300	249.00

SOUND LEVEL METERS

- Dual range measurement (Hi/Lo)
- A and C frequency weighting
- Large, easy-to-read LCD display
- Electret condenser microphone for high accuracy and longterm stability
- Internal 94 dB calibration
- RS232 computer interface
- AC/DC output signal for use with dataloggers
- Data Hold, Max Hold functions and low battery indication
- Meets IEC651 Type 2 requirements
- Includes carrying case, windshield ball and battery
- Measuring range: 30 to 130 dB (A and C)



REED

Model No.	Mfg. No.	Description	Price/Each
HX390	ST-8850	Sound Level Meter	239.00

SOUND LEVEL METERS

- Measures sound levels in accordance with IEC61672 Class 2 specifications
- A/C frequency weighting
- Fast/slow time weighting
- Peak hold, data hold and max./min. record
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- Measuring Range: 30 to 80 dB, 50 to 100 dB, 80 to 130 dB



REED

Model No.	Mfg. No.	Price/Each
IA799	SD-4023	279.00

SOUND LEVEL METERS

DATALOGGING

- IEC651 Type II
- 32-80, 50-100, 80-130 dB level ranges
- Autoranging from 30 to 130 dB
- Dynamic range of 50 dB
- 0.1 dB resolution
- Frequency range: 31.5 Hz to 8 kHz
- Accuracy of ± 1.5 dB (ref 94 dB @ 1 kHz)
- 32 000 record data logger
- 4-digit backlit display
- Clock and bar graph displays
- Auto power off
- AC and DC output
- Max/Min function
- Includes calibration screwdriver, windshield, RS232 cable, Windows® datalogging software, battery, manual and carrying case

MODEL IA661

- Professional, 1 kHz/94 dB
- Diecasting aluminum alloy housing case
- Two 9 V batteries
- Size: 50 mm dia. x 82 mm



IA661

MODEL HN408

- Wind shield ball for sound level microphones
- Compatible with IA153, HN404, HN405, HX311 and IA154
- Size: 65 mm dia.



HN408



IA153



REED

Model No.	Mfg. No.	Description	Price/Each
IA153	C-322	Datalogging Sound Level Meter	459.00
HN408	SB-01	Wind Shield Ball	7.00
IA661	SC-05	Sound Calibrator	199.00

LIGHT METERS

- Designed for one-hand operation and to fit easily into a tool belt or pocket
- Autoranging
- Data Hold and Min/Max functions
- Auto shut-off and zero adjust button
- Over range and low battery indications
- Ranges: 0 to 20 000 lux; 0 to 2000 ftc
- User selectable Lux/Ftc
- Includes battery

**REED**

Model No.	Mfg. No.	Description	Price/Each
HX288	LM-81LX	Light Meter	99.00

SOUND LEVEL METERS

- Dual range measurement (Hi/Lo)
- A and C frequency weighting
- Large, easy-to-read LCD display
- Electret condenser microphone for high accuracy and longterm stability
- AC/DC output signal for use with dataloggers
- Data Hold, Max Hold functions and low battery indication
- Meets IEC651 Type 2 requirements
- Includes carrying case and battery
- Measuring range: Low: 35 to 100 dB; High: 65 to 135 dB (A and C)

**REED**

Model No.	Mfg. No.	Description	Price/Each
HX387	ST-805	Sound Level Meter	149.00

LIGHT METERS

- Digital dual filter light meter designed to measure a wide range of lighting types
- Measures to 20 000 lux
- Large LCD display provides clear readouts even in high ambient light levels
- Data hold function
- Zero adjustment screw
- Over range and low battery indication
- Battery included

**REED**

Model No.	Mfg. No.	Description	Price/Each
HX319	YK-10LX	Light Meter	119.00

SOUND LEVEL METERS

- Check sound levels quickly and economically
- Built-in 1/2" electric condenser microphone
- Measurements from 54 to 126 dB in seven ranges
- Manual ranging
- Analog scale with needle indicator
- Selectable fast/slow response
- Selectable A/C weighting
- Easy calibration adjustment
- Max Hold button to lock peak values
- Low battery checker
- Analog output for connection to recorders, data loggers, etc.
- Threaded insert for tripod mount

**REED**

Model No.	Mfg. No.	Description	Price/Each
IA152	8926	Sound Level Meter	79.00

LIGHT METERS

- Measures ambient light levels as well as temperature with a type J/type K thermocouple thermometer
- Sensor features two filters and meets C.I.E. spectrum specifications
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- Light levels are measured in ftc or lux
- Temperature is measured in °C or °F
- Light range: 2000, 20 000, 100 000 lux
- Temp. range: J: -50° to 1200 °C; K: -50° to 1300 °C

**REED**

Model No.	Mfg. No.	Price/Each
IA798	SD-1128	189.00

SOUND LEVEL DATALOGGERS

- Conforms to IEC61672-1 Class 2 sound level meters
- 1/2" electret condenser microphone
- Plugs directly into your computer via integral USB port
- A and C frequency weighting
- Fast (125 ms) and Slow (1 s) time weighting
- Normal and Peak modes
- Max and Min measurements
- User selectable sampling intervals from 1 second to 24 hours
- Data storage capacity of 129 920 samples
- Measuring range: 30 to 130 dB
- Dynamic range: 50 dB
- Includes: Windscreen, transparent cap, software CD, metal support stand and battery

**REED**

Model No.	Mfg. No.	Description	Price/Each
IA595	ST-173	Sound Level Datalogger	139.00

INSTRUMENTS

TACHOMETERS

- Dual function unit with both contact and non-contact capabilities
- Supplied with adapters for mpm, rpm and surface speed measurements
- Non-contact function utilizes laser light beam for improved accuracy
- Recalls Max/Min and last values
- Large, easy-to-read display
- Autoranging with 0.05 % accuracy
- Includes battery and carrying case
- Measuring Range: Photo: 5 to 99,999 rpm; Contact: 5 to 19,999 rpm; Surface Speed: 0.05 to 1999 fpm



HX386

TACHOMETERS

- Patented design incorporates both a photo and a contact tachometer into one precision instrument
- Ranges: from 0.5 to 20 000 rpm in contact mode; from 5 to 99 999 rpm in photo mode; surface speed from 0.05 to 1999.9 mpm (0.2 to 6560 fpm)
- Linear surface speed measurements are 0.2 to 6560 fpm or 0.05 to 1999.9 mpm
- Automatically holds last reading for five minutes and recalls min. and max. readings
- Characters on the large 5-digit display reverse direction depending on which measurement mode you are in
- Provides accuracy to 0.05 % and permits readings to a resolution of 0.1 rpm in either photo or contact mode



HF964

REED

REED

Model No.	Mfg. No.	Description	Price/Each
HX386	ST-6236B	Photo/Contact Tachometer	179.00
IA046	ST-CONE	Replacement Contact Adapter	3.00
IA047	ST-WHEEL	Replacement Surface Speed Wheel	13.00

Model No.	Mfg. No.	Description	Price/Each
HF964	K4010	Photo/Contact Tachometer	279.00
IA046	ST-CONE	Replacement Contact Adapter	3.00

DISTANCE MEASURING WHEELS

- Ideal for road distance measuring applications
- Fitted with a 1 m circumference wheel
- Two measuring modes: Trip and Total
- Accuracy: $\pm 1\%$
- Adds forward, subtracts in reverse
- Metric and imperial measurement
- Measure in meters, yards or feet and inches at the push of a button
- Large LCD display is crystal clear in direct sunlight
- Backlight for low light conditions
- Waterproof for all weather conditions
- Push button reset
- Electronic brake
- Telescopic handle
- Mud scraper
- Minimum 5-year battery life



TRUMETER

Model No.	Mfg. No.	Description	Price/Each
HC438	5505E	Distance Measuring Wheel	86.00

ULTRASONIC DISTANCE MEASURERS

- Ultrasonic distance measurer with laser point targeting
- Measures in imperial/metric
- Laser target pointer
- Start point selection
- Measurements taken from front or rear of unit
- Data store/recall
- Computes areas and volumes
- Five groups of value in memory
- Sum of lengths
- Auto/manual shut-off
- LCD backlight
- Beeps for reading confirmation
- Measuring Range: 0.5 m to 16 m (20 in to 52 ft)



REED

Model No.	Mfg. No.	Description	Price/Each
IA390	DM-01	Ultrasonic Distance Measurer	49.00

STROBOSCOPES

- Internal rechargeable batteries mean easy handling and true portability
- 10-turn potentiometer provides infinite adjustment and precise selection of flash rate
- Temperature stable internal reference ensures low drift operation
- Backlit display for easy reading in all ambient light conditions
- Input and output jacks enable the stroboscope to be remotely triggered and synchronized to external events or operated in a Master/Slave configuration
- Both input and output signals are TTL compatible
- A latching trigger and 1/4-20 UNC tripod mount allows for hands-free operation
- Measuring Range: 100 to 12 000 fpm



MONARCH

Model No.	Mfg. No.	Description	Price/Each
HK251	6204-011	Digital Stroboscope w/Internal Batteries	863.00

STOP WATCHES

MODEL IA078

- High contrast digital display with backlight
- Clock, date and alarm functions
- Records real time and split times
- Remembers first 30 laps and their split times (max. 99 laps displayed)
- 1/100th second resolution up to 100 hours
- Shock and water-resistant case



IA078

MODEL IA006

- Large LCD that displays real time and records split times for accurate result
- Clock, date and alarm function
- Water-resistant
- Includes: Batteries and a 48" nylon lanyard which allows you to comfortably hang the stopwatch around your neck



IA006

BIOS Fitness

Model No.	Mfg. No.	Description	Price/Each
IA078	FP603	Digital Stop Watch, w/neck lanyard and battery	22.80
IA006	FP600	Digital Stop Watch, w/neck lanyard and battery	27.25

ELECTROMAGNETIC FIELD METERS

- AC & DC magnetic field measurement
- Measurements Range: ± 3000 milliGauss
- Measurements in milliGauss or μT (microTesla)
- Detects magnetic fields as small as 0.1 milliGauss
- N pole/S pole indicator
- Zero adjustment button for relative measurement
- Data hold and max./min. record
- Easy to read LCD with backlight
- Auto or manual power off
- RS232 and USB interface



REED

Model No.	Mfg. No.	Price Each
IA806	GU-3001	695.00

VIBRATION METERS

- Measures vibration levels in machinery
- Unique vibration sensor with magnetic base
- Peak hold, data hold and max./min. record
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- Metric or Imperial measurement units
- Acceleration Range: 0.5 to 199.9 m/s^2
- Velocity Range: 0.5 to 199.9 mm/s



REED

Model No.	Mfg. No.	Price/Each
IA803	SD-8205	695.00

RATCHET COUNTERS

STEEL COUNTERS

- Operated by stroke (ratchet) drive
- Five figures standard, 4 mm high
- Knob reset
- Torque: 700 gcm
- Maximum count speed: 600 counts/minute
- Ratchet drive: spring return, 40° movement
- Black enamel steel case
- Supplied with connecting spring



HD448

PLASTIC COUNTERS

- Reliable, low cost, plastic counters for all purposes
- Operated by stroke (ratchet) drive or by revolution drive
- Counts with one 45° adjustable lever movement (spindle on right side)
- 5-figure register with knob reset
- Supplied with connecting spring
- 5-figure reset counter counts machine revolution
- Adds when lever is revolved counter clockwise (spindle on right side)



HA931

TRUMETER

Model No.	Mfg. No.	Description	Price/Each
HD448	9-157-M5	Right Ratchet Counter, Steel	49.00
HD447	9-154-M5	Left Ratchet Counter, Steel	49.00
HA931	2012-5	Right Ratchet Counter, Plastic	19.00

DIGITAL FORCE GAUGES

- Provides readings of tension (push) or compression (pull) in kg, lb. oz. and Newton units
- Instantly recalls "Peak Load" (max. load) and average readings
- Microprocessor assures $\pm 0.2\%$ accuracy and fast 0.8 second update time
- 100% Zero/Tare control enables maximum pre-load to be stored in the memory
- Zero Adjust push-button and Peak Hold switch
- Selectable fast/slow response
- Large 5-digit LCD display is reversible to match viewing angle
- Holes on the back of the meter case facilitate test stand mounting
- Battery or AC-line operated (uses 6 x 1.5 V "AA" batteries)
- Auto Power Off minimises power consumption and saves battery life
- Complete with hook adapter for tension, compression adapters (flat head, cone head, and chisel head), 5" (120 mm) extension rod, 6 AA batteries and carrying case
- Model HF676 capacity: 5000 g, 176 oz., 49 N
- Model IA804 capacity: 20 kg, 44 lbs., 196 N
- Model IA805 capacity: 100 kg, 220 lbs., 980 N



IA804



IA805



HX279



Included case and accessories

REED

Model No.	Mfg. No.	Description	Price/Each
HF676	FG-5000A	5000-g Capacity	445.00
IA804	SD-6020	20-kg Capacity	595.00
IA805	SD-6100	100-kg Capacity	595.00
HX279	FS-1001	Test Stand	895.00

TALLY COUNTERS

MODEL HD317 HAND TALLY COUNTERS

- Sturdy 4-figure hand-operated reset counter
- Push button actuator and handy thumb ring for easy operation
- Chrome plated steel case resists damage from perspiration
- Recommended for applications where operator must be mobile, such as checking meeting attendance, taking warehouse inventories, etc.



HD339

MODEL HD339 STAND TALLY COUNTERS

- Sturdy 4-figure hand-operated reset counter
- Special mounting base designed for desk, bench or clipboard mounting
- Heavy gauge steel case and base are chrome plated to resist corrosion
- Recommended for fixed applications such as assembly line parts counting, traffic surveys, etc.



HD317

REED

Model No.	Mfg. No.	Description	Price/Each
HD317	7655	Hand Tally Counter	16.00
HD339	8-005-1	Stand Tally Counter	19.00

INSTRUMENTS

THERMO-ANEMOMETERS

- Mini-vane anemometer permits access to restricted areas
- Dual display indicates m/s, ft/min, km/h, knots, mph and °C/°F
- 13 mm diameter metal mini-vane and telescopic probe to 600 mm
- RS232 output
- Data hold, Record (Max/Min)
- Auto shut off
- Includes battery and hard carrying case
- Velocity Range: 0.2 to 12.0 m/s; 2.8 to 43.2 km/h; 1.8 to 26.8 mph; 160 to 2358 ft/m; 0.8 to 23.3 knots
- Temperature range: 32° to 176°F; 0° to 80°C



THERMO-ANEMOMETERS

- Rotating vane anemometer provides direct reading of air velocity and temperature
- Dual display indicates m/s, ft/min, km/h, knots, mph and °C/°F
- RS232 output
- Data hold, Record (Max/Min)
- Auto shut off
- Includes a heavy-duty metal vane probe
- Velocity range: 0.8 to 40.0 m/s; 2.8 to 144.0 km/h; 1.8 to 89.4 mph; 160 to 4930 ft/m; 1.6 to 78.1 knots
- Temperature Range: 32° to 140°F; 0° to 60°C



REED

Model No.	Mfg. No.	Description	Price/Each
HX340	YK-80 AS	Thermo-Anemometer	395.00

REED

Model No.	Mfg. No.	Description	Price/Each
HX338	YK-80 AM	Thermometer-Anemometer	295.00

THERMO-ANEMOMETERS

- Measures air velocity as well as temperature with a type J/type K thermocouple thermometer
- Low friction ball-bearing, rotating vane probe
- RS232 and USB interface
- Real time data logger with integral 2GB SD memory card (optional)
- Air velocity is measured in m/s, ft/min, km/h, mph or knots
- Temperature is measured in °C or °F
- Air Velocity Range: 0.5 to 30.0 m/s
- Type J Temp. Range: -50 to 1200°C
- Type K Temp. Range: -50 to 1300°C



THERMO-ANEMOMETERS

- All-in-one meter with integral rotary vane sensor
- Simultaneous display of air velocity and temperature
- Selectable wind speed units: Knots, mph, km/h
- Calculate air volume by keying in area dimension
- Continuous moving air velocity averaging of measurements for up to 2 hours
- Displays Min/Max/Avg velocity with temperature values
- Multi-point averaging up to 8 points
- Calculate average velocity values in seconds
- High-contrast, 4-digit LCD readout
- RS-232 interface
- Data hold and auto power off
- Air Velocity Range: 80 to 5900 fpm; 0.4 to 30 m/s; 0.9 to 68 mph; 1.4 to 108 km/h; 0.8 to 58 knots
- Temperature Range: -10° to 50°C; 14° to 122°F



REED

Model No.	Mfg. No.	Description	Price/Each
IA796	SD-4207	Thermo-Anemometer	295.00

REED

Model No.	Mfg. No.	Description	Price/Each
IA040	8906	Thermo-Anemometer	199.00

ANEMOMETERS

- Data hold, Record (Max/Min)
- Integral vane design for one hand operation
- Push button operation
- Pocket-sized
- Includes battery
- Air Velocity Range: 80 to 5910 fpm; 0.4 to 30 m/s; 0.9 to 67 mph; 1.4 to 108 km/h; 0.8 to 58.3 knots
- Temperature Range: 0° to 50°C; 32° to 122°F



THERMO-ANEMOMETERS

- 4-in-1 multi-function meter: anemometer, humidity meter, light meter and type-K digital thermometer
- Data hold, Record (Max/Min)
- Integral vane design for one hand operation
- Push button operation
- Pocket-sized
- Includes battery
- Air Velocity Range: 80° to 5910 fpm; 0.4 to 30 m/s; 0.9 to 67 mph; 1.4 to 108 km/h; 0.8 to 58.3 knots
- Temperature Range: Air: 0° to 50°C; 32° to 122°F; Input: -100° to 1300°C; -148° to 2372°F
- Humidity Range: 10 to 95% RH
- Light Range: 0 to 20,000 lux; 0 to 2,000 Ft-c



REED

Model No.	Mfg. No.	Description	Price/Each
HX286	LM-81 AM	Thermo-Anemometer	99.00

REED

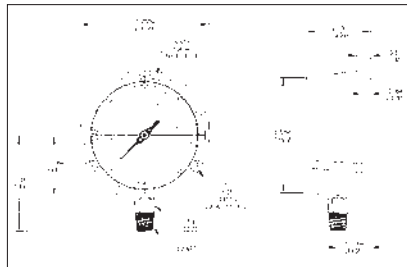
Model No.	Mfg. No.	Description	Price/Each
HX285	LM-8000	Multi-Function Meter	179.00

PRESSURE GAUGES

- Stamped aluminum 4 1/2" (115 mm) diameter dial
- Black, impact resistant phenolic case
- 316 stainless steel bourdon tube and socket
- Silicone fluid filled and rated for -50° to 170°F
- 1/2 % of full scale accuracy
- Transient over-pressure limit: 30 %
- Restrictor screw
- Shatterproof glass lens
- Integral back flange
- Safety blowout backplate
- Micrometer adjustable pointer
- 1/4" or 1/2" NPT male connection bottom



IA361



REED

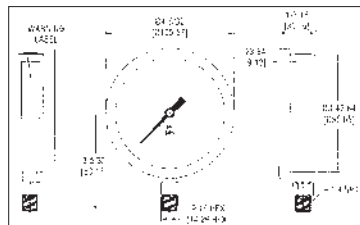
1/4" NPT Model No. Mfg. No.	1/2" NPT Model No. Mfg. No.	Dial Ranges	Price /Each
IA399 LF45-15-1/4	IA351 LF45-15-1/2	30"-0-15 PSI	98.00
IA335 LF45-30-1/4	IA352 LF45-30-1/2	30"-0-30 PSI	98.00
IA336 LF45-60-1/4	IA353 LF45-60-1/2	30"-0-60 PSI	98.00
IA337 LF45-30HG-1/4	IA354 LF45-30HG-1/2	30"-0 Hg Vac.	98.00
1/4" NPT Model No. Mfg. No.	1/2" NPT Model No. Mfg. No.	Compound Scale Dial Ranges	Price /Each
IA338 LF45-15P-1/4	IA355 LF45-15P-1/2	0-15 PSI/0-100 kPa	98.00
IA339 LF45-30P-1/4	IA356 LF45-30P-1/2	0-30 PSI/0-200 kPa	98.00
IA340 LF45-60P-1/4	IA357 LF45-60P-1/2	0-60 PSI/0-400 kPa	98.00
IA341 LF45-100P-1/4	IA358 LF45-100P-1/2	0-100 PSI/0-700 kPa	98.00
IA342 LF45-160P-1/4	IA359 LF45-160P-1/2	0-160 PSI/0-1100 kPa	98.00
IA343 LF45-200P-1/4	IA360 LF45-200P-1/2	0-200 PSI/0-1400 kPa	98.00
IA344 LF45-300P-1/4	IA361 LF45-300P-1/2	0-300 PSI/0-2100 kPa	98.00
IA401 LF45-400P-1/4	IA362 LF45-400P-1/2	0-400 PSI/0-2800 kPa	98.00
IA345 LF45-600P-1/4	IA363 LF45-600P-1/2	0-600 PSI/0-4200 kPa	98.00
IA400 LF45-1500P-1/4	IA365 LF45-1500P-1/2	0-1500 PSI/0-10,500 kPa	98.00
IA347 LF45-2000P-1/4	IA366 LF45-2000P-1/2	0-2000 PSI/0-14,000 kPa	98.00
IA348 LF45-3000P-1/4	IA367 LF45-3000P-1/2	0-3000 PSI/0-21,000 kPa	98.00
IA349 LF45-5000P-1/4	IA368 LF45-5000P-1/2	0-5000 PSI/0-35,000 kPa	98.00
IA350 LF45-10000P-1/4	IA369 LF45-10000P-1/2	0-10,000 PSI/0-70,000 kPa	98.00

PRESSURE GAUGES

- 4.5" diameter dial has dual English/metric scales
- Balanced adjustable black pointer
- Corrosion resistant stainless steel case and ring, plastic lens
- Soft soldered phosphor bronze tube with brass socket recommended for average general use
- Suitable for steam, water, air, oil, gas or any medium not corrosive to copper alloys
- 1/4" NPT bottom connection only
- 1 % accuracy



IA328



REED

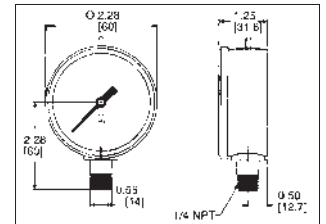
Model No.	Mfg. No.	Dial Range	Figure Intervals	Smallest Graduation	Price /Each
IA326	421 AVND-30	0-30 PSI/0-200 kPa	5 PSI	0.5 PSI	19.00
IA327	421 AVND-60	0-60 PSI/0-400 kPa	10 PSI	1 PSI	19.00
IA328	421 AVND-100	0-100 PSI/0-700 kPa	10 PSI	1 PSI	19.00
IA329	421 AVND-160	0-160 PSI/0-1100 kPa	20 PSI	2 PSI	19.00
IA330	421 AVND-200	0-200 PSI/0-1400 kPa	20 PSI	2 PSI	19.00
IA331	421 AVND-300	0-300 PSI/0-2100 kPa	50 PSI	5 PSI	19.00
IA332	421 AVND-500	0-500 PSI/0-3500 kPa	50 PSI	5 PSI	19.00
IA333	421 AVND-30 VAC	30"-0 Hg Vac	5"	0.5"	19.00

PRESSURE GAUGES

- 2.5" diameter dial has dual English/metric scales
- ASME Grade B accuracy: $\pm 3\%$ first 3rd of scale, $\pm 2\%$ middle 3rd of scale, and $\pm 3\%$ last 3rd of scale
- Corrosion resistant stainless steel case and ring, acrylic lens
- Brass internal materials
- 1/4" NPT bottom connection only
- Rated for -20 to 60°C and pressure steady at 75 % f.s.



IA285



REED

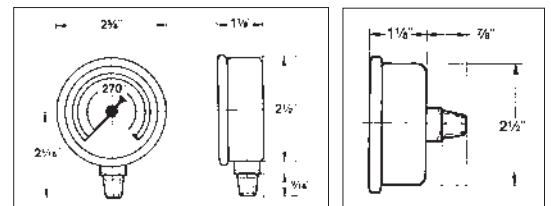
Model No.	Mfg. No.	Dial Ranges	Price/Each
IA280	LVBNA-30HG	0-30" Hg Vac.	8.00
IA281	LVBNA-30	30" Hg Vac to 30 PSI	8.00
IA282	LVBNA-15P	0 to 15 PSI/0 to 105 kPa	8.00
IA283	LVBNA-30P	0 to 30 PSI/0 to 210 kPa	8.00
IA284	LVBNA-60P	0 to 60 PSI/0 to 420 kPa	8.00
IA285	LVBNA-100P	0 to 100 PSI/0 to 700 kPa	8.00
IA286	LVBNA-160P	0 to 160 PSI/0 to 1120 kPa	8.00
IA287	LVBNA-200P	0 to 200 PSI/0 to 1400 kPa	8.00
IA288	LVBNA-300P	0 to 300 PSI/0 to 2100 kPa	8.00
IA289	LVBNA-400P	0 to 400 PSI/0 to 2800 kPa	8.00
IA290	LVBNA-600P	0 to 600 PSI/0 to 4200 kPa	8.00
IA291	LVBNA-1000P	0 to 1000 PSI/0 to 7000 kPa	8.00

PRESSURE GAUGES

- Stamped aluminum 2.5" diameter dial
- Polished stainless steel case
- Glass lens, pressed bezel
- Bronze tube and brass socket with brass movement
- 1/4" male NPT connection, bottom or back
- 1.6 % accuracy
- Glycerine fill provides a dampening effect which minimises pulsations; continuously lubricates gauge movement; and makes this gauge ideally suited for adverse environments



IA297



REED

Bottom Conn. Model No. Mfg. No.	Price /Each	Back Conn. Model No. Mfg. No.	Price /Each	Compound Scale Dial Ranges
IA292 AVNC-30HG	20.00	IA309 AHNC-30HG	25.00	30" Hg-0" Vac.
IA293 AVNC-30	20.00	IA310 AHNC-30	25.00	30" Hg-0-30 PSI
IA294 AVNC-15P	20.00	HX508 AHNC-15P	25.00	0-15 PSI/0-100 kPa
IA295 AVNC-30P	20.00	IA312 AHNC-30P	25.00	0-30 PSI/0-200 kPa
IA296 AVNC-60P	20.00	IA313 AHNC-60P	25.00	0-60 PSI/0-400 kPa
IA297 AVNC-100P	20.00	IA314 AHNC-100P	25.00	0-100 PSI/0-700 kPa
IA298 AVNC-160P	20.00	IA315 AHNC-160P	25.00	0-160 PSI/0-1100 kPa
IA299 AVNC-200P	20.00	IA316 AHNC-200P	25.00	0-200 PSI/0-1400 kPa
IA300 AVNC-300P	20.00	IA317 AHNC-300P	25.00	0-300 PSI/0-2100 kPa
IA301 AVNC-400P	20.00	IA318 AHNC-400P	25.00	0-400 PSI/0-2800 kPa
IA302 AVNC-600P	20.00	IA319 AHNC-600P	25.00	0-600 PSI/0-4200 kPa
IA303 AVNC-1000P	20.00	IA320 AHNC-1000P	25.00	0-1000 PSI/0-7000 kPa
IA304 AVNC-1500P	20.00	IA321 AHNC-1500P	25.00	0-1500 PSI/0-10,500 kPa
IA305 AVNC-2000P	20.00	IA322 AHNC-2000P	25.00	0-2000 PSI/0-14,000 kPa
IA306 AVNC-3000P	20.00	IA323 AHNC-3000P	25.00	0-3000 PSI/0-21,000 kPa
IA307 AVNC-5000P	20.00	IA324 AHNC-5000P	25.00	0-5000 PSI/0-35,000 kPa
IA308 AVNC-6000P	20.00	IA325 AHNC-6000P	25.00	0-6000 PSI/0-42,000 kPa

INSTRUMENTS

PH PENS

- Dual displays of temperature and pH
- Display tilted at a 45° angle for increased readability
- Data hold, Max/Min, Record
- Automatic temperature compensation assures that readings are corrected for temperature offsets
- One touch calibration
- Calibration up to 3 points (pH 4.01, 7.01, 10.01)
- No tools or trimmers needed for calibration
- Replaceable pH electrode module
- Durable, waterproof housing (IP67)
- Low battery indicator
- Auto power off after 20 minutes of inactivity
- Protective cap with pocket clip
- pH range: 0.00 to 14.00 pH

IA035



VISCOSITY CUPS

- Determine the flow time of paints, coatings, enamels, oils and other similar liquids
- Conically shaped steel cup delivers 44 cc's of liquid sample through a precision orifice
- Twelve-inch looped stainless steel handle allows the cup to be dipped by hand into a liquid container
- Stainless steel split key ring at top of handle for aligning cup in a true vertical position when conducting tests
- **Cup No. 1:** Generally used for very thin mixtures where low solids application is desired
- **Cup No. 2:** Primarily used for all mixed paints which have been reduced with solvent for application. Used by the automotive and similar industries
- **Cup No. 3/Cup No. 4:** Used for higher solids application where extra heavy films are desired
- **Cup No. 5:** Generally used for checking the viscosity of unthinned paints prior to reduction with solvent

HB787



Model No.	Mfg. No.	Description	Orifice Size	Range	Price/Each
HB787	VI-2101	Viscosity Cup No. 1	0.078"	31-60 sec.	254.00
HB788	VI-2102	Viscosity Cup No. 2	0.108"	19-60 sec.	254.00
HB789	VI-2103	Viscosity Cup No. 3	0.146"	13-60 sec.	254.00
HB790	VI-2104	Viscosity Cup No. 4	0.168"	12-60 sec.	254.00
HB791	VI-2105	Viscosity Cup No. 5	0.208"	10-60 sec.	254.00

REFRACTOMETERS

BRIX REFRACTOMETERS

The Brix refractometer shows the concentration percentage of the soluble solids content (Total solids) of a sample (water solution). The soluble solids content is the total of all the solids dissolved in the water - beginning with sugar, salts, protein, acids, etc. and the measurement reading value is the value of the sum total of those. Essentially Brix% is calibrated to the number of grams of cane sugar contained in 100 g of cane sugar solution. So, when measuring a sugar solution, the Brix% should perfectly match the actual concentration.

REED



HX351

Model No.	Mfg. No.	BRIX Range	Min. Div.	Accuracy	Price/Each
HX351	MT-010 ATC	0 - 10 %	0.1 %	±0.01 %	139.00
HX352	MT-018	0 - 18 %	0.2 %	±0.15 %	99.00
HX107	MT-032	0 - 32 %	0.2 %	±0.2 %	99.00
HX353	MT-062	28 - 62 %	0.2 %	±0.2 %	99.00
HX354	MT-082	45 - 82 %	0.5 %	±0.3 %	99.00
HX355	MT-090	58 - 90 %	1.0 %	±0.5 %	99.00

SALINITY REFRACTOMETERS

Salinity refractometers are useful for measuring the concentration of natural or artificial seawater in aquariums, holding tanks, and breeding ponds. They can also be used for controlling the saltwater concentration when preparing pickles, measuring the concentration of saltwater used in rinsing and cooking sea products.

REED



Model No.	Mfg. No.	Range	Min. Div.	Accuracy	Price/Each
HK668	MT-128	0 - 28 %	0.2 %	±0.2 %	99.00

BATTERY COOLANT CHECKERS

It is essential to know the concentration and freezing point of anti-freeze coolants for vehicular safety. Keeping a suitable concentration of coolant prevents engine trouble and possible radiator corrosion. This tester monitors the freezing point of both ethylene glycol and propylene glycol; in addition, it indicates battery recharge level. This tester is simple to use; requiring only a few drops to provide accurate readings within seconds. It is virtually indispensable for gas stations, service shops, cab companies, etc.

REED



HX093

Model No.	Mfg. No.	Coolant	Range	Min. Div.	Price/Each
HX093	MT-777	Propylene Glycol	-50 to 32 °F	10 °F	99.00
		Ethylene Glycol	-50 to 32 °F	10 °F	

PH/ORP METERS

- Measures pH and ORP levels in water
- Manual or automatic temperature compensation
- Auto calibration for pH 4.0, pH 7.0 and pH 10.0
- Data hold and max./min. record
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- pH Range: 0 to 14.00 pH
- ORP Range: -1999 to 1999 mV

IA801



REED

Model No.	Mfg. No.	Price/Each
IA801	SD-230	179.00

Model No.	Mfg. No.	Description	Range	Size	Price/Each
HX295	PE-01	Epoxy pH Electrode	0-14 pH	9.5 mm dia. x 130 mm	119.00
HX296	PE-03	Epoxy pH Electrode	0-13 pH	12.3 mm dia. x 160 mm	59.00
HX297	PE-11	Epoxy pH Electrode	0-13 pH	10.0 mm dia. x 130 mm	79.00

CONDUCTIVITY METERS

- Measures conductivity, total dissolved solids (TDS) and salt levels in water
- Carbon rod electrode
- Auto temperature compensation
- Temperature coefficient of measurement solution is user selectable
- Data hold and Max/Min record
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- Conductivity Range: 200 µS, 2 mS, 20 mS, 200 mS
- Soft Range: 0 to 12% salt (% weight)

IA802



REED

Model No.	Mfg. No.	Price/Each
IA802	SD-4307	295.00

HANGING HYGROMETERS

- Measures relative humidity by comparing readings of wet bulb and dry bulb thermometers
- Accuracy obtained by creating rapid air circulation around bulbs
- Non-mercury red spirit filled thermometers
- Range: -10 to 130 °F (-5 to 50 °C)
- Plastic moulded case
- Plastic reservoir
- Dimensions: 4" x 10"


REED

Model No.	Mfg. No.	Description	Price/Each
IA528	WD-5	Wet Bulb/Dry Bulb Hygrometer	39.00

TEMPERATURE & HUMIDITY RECORDERS

- Records temperature and humidity on a 6" diameter chart
- Programmable recording times and temperature ranges
- Panel mountable, DIN sized enclosure
- Options include digital display remote probe, and audible alarm
- AC power with battery back-up
- Includes pens, battery, and 120 VAC adapter
- Temperature Range:
 - IA529/IA530: 32 to 100 °F, 0 to 50 °C;
 - IA531: 0 to 50 °C, 0 to 100 °F, 0 to 185 °F, 0 to 85 °C
- Humidity Range: 0 to 95 % RH (non-condensing)


DICKSON

Model No.	Mfg. No.	Description	Price/Each
IA529	TH621	Basic Temp/RH Recorder	496.00
IA530	TH622	Temp/RH Recorder w/ Display & Probe	578.00
IA531	TH623	Temp/RH Recorder w/ Display, Probe & Alarm	692.00

DIAL THERMO-HYGROMETERS

- 5" diameter stainless steel dial
- Flange mounting
- Bi-metallic temperature sensor
- Temperature Range: 0 to 120 °C, 1 °C divisions
- ± 1 % temperature accuracy
- Synthetic hair hygrometer
- Humidity Range: 0 to 100 % RH, 2 % RH divisions
- ± 5 % humidity accuracy
- On-site adjustments possible


REED

Model No.	Mfg. No.	Description	Price/Each
IA532	TH600	Dial Thermo-Hygrometer	49.00

TEMPERATURE & HUMIDITY RECORDERS

- Simultaneously records ambient temperature and relative humidity conditions
- Full cycle recording allows recording all the way around the cylindrical drum
- 24-hour model
- Provides maximum and minimum values
- Built-in quartz clock drive
- Slide system for simplified clock setting
- Bi-metallic coil temperature sensor
- De-fatted hair humidity sensor
- Desk or wall mountable
- Temperature Range: -15 to 40 °C
- Humidity Range: 0 to 100 % RH


REED

IA409

Model No.	Mfg. No.	Description	Price/Each
IA409	THR-2	Thermo-Hygrograph, 1-day	595.00
IA630	THR-2-Charts	Replacement Charts, 1-day (100/pkg.)	49.00

Call us for all
your Instrument
& Electrical
requirements!



INSTRUMENTS

MOISTURE METERS

- Ideal for use on any construction site
- Measures the moisture content of sawn timber (also cardboard and paper) and hardened materials like plaster, concrete and mortar
- Measuring Range: Wood: 6 to 44 %; Material: 0.2 to 2.0 %
- Accuracy: Wood: $\pm 1\%$; Material: $\pm 0.05\%$
- Average adjustment for European wood based on a wood temperature of 20°C
- Impact-proof plastic housing
- Auto power-off
- 8 mm long integrated electrode is replaceable



REED

Model No.	Mfg. No.	Description	Price/Each
IA533	ST-123	Moisture Meter	79.00

MOISTURE DETECTORS

- Pocket-size electronic, non-destructive detector that provides moisture readings instantly and accurately
- Detects moisture beneath the surface being tested by measuring the resistance between two low frequency signals transmitted from conductive pads on the base of the instrument
- Soft conductive electrode pads on the base of the instrument run smoothly over the surface being tested and immediately identify moisture without scratching or penetrating the surface
- Three sensitivity scales:
 - Scale 1:** Timber and wood products
 - Scale 2:** Felt roofing
 - Scale 3:** Plaster and brick



TRAMEX

Model No.	Mfg. No.	Description	Price/Each
HM170	ME-1	Moisture Detector	499.00

PAPER MOISTURE METERS

- Electrical resistance-type moisture meter
- Contact pins mounted on the top of the meter are used for making direct contact with the material
- Various external electrodes are also available for specific applications
- Three scales for testing various paper stock, cores and corrugated (4.3 to 18%); 5 to 40% baled scrap paper; and a 0 to 100% arbitrary scale for obtaining relative moisture indications on other material
- Set point with buzzer to alert you when a pre-selected % moisture content has been reached
- Stores up to 100 readings and displays the average and highest of the stored readings
- Built-in calibration check



DELMHORST
INSTRUMENT CO.

Model No.	Mfg. No.	Description	Price/Each
IA110	P-2000	Paper Moisture Meter	422.00

WOOD MOISTURE METERS

- Three new pin-type wood moisture meters that are ideal for any woodworking application
- Reads surface and core moisture content, giving you key information about a board's uniformity and moisture distribution
- Use the integral electrode pins or attach any *Delmhorst* electrode to the built-in connector
- Model **HM165*** corrects for individual species and temperature and averages up to 100 accumulated readings. Moisture content range: 6 to 40 %
- Model **HF940** features 12 LEDs that are great for reading in direct sunlight or dark areas. Moisture content range: 6 to 30 %
- Model **HM166*** offers an analog readout in a great new case design. Moisture content range: 6 to 30 %

* Available as a package. All packages include meter, deluxe carrying case, 26-ES electrode and extra contact pins.



DELMHORST
INSTRUMENT CO.

Model No.	Mfg. No.	Description	Price/Each
HM165	J-2000	Wood Moisture Meter, Digital Display	311.00
HF940	J-LITE	Wood Moisture Meter, LED	153.00
HM166	J-4	Wood Moisture Meter, Analog Display	253.00

WOOD MOISTURE METERS

- Memory contains eight wood groups with calibrations for approximately 170 species of wood
- Built-in 2-point calibration check
- User settable auto power off with override
- Low battery indication
- Integral contact pins are replaceable, remote moisture electrode pins are not replaceable
- Complete with remote hand-press moisture electrode, temperature probe, protective cap, replacement pins, two AAA batteries, and soft carrying case

SPECIFICATIONS:

Measuring Principle: Electrical resistance

Measuring Range: 6 to 99.9% MC

Accuracy: $\pm 1\%$ MC

Temp. Compensation: -31 to 176°F (-35 to 80°C)

Power Supply: Two AAA batteries

Dimensions: 7 x 1.9 x 2" (180 x 50 x 31 mm)

Weight: 6.1 oz (175 g)

Model No. IA734

Mfg No. ST-129

Price/Each \$139.00

REED



MOISTURE DETECTORS

- Detects moisture content in building materials of all kinds, as well as detects moisture distribution in walls, ceilings and floors
- Non-destructive - moisture sensor runs smoothly over the surface being tested without scratching or penetrating the surface
- Display Hold button
- Max/Min function with alarm indication
- LCD display with backlighting
- Low battery indication with auto power off
- Measuring Range: 0.0 to 100.0% Moisture Content
- Penetration Depth: 20 to 40 mm



REED

Model No.	Mfg. No.	Description	Price/Each
IA681	ST-128M	Moisture Detector	199.00

THERMO-ANEMOMETERS

MEASURES AIR VELOCITY, AIR VOLUME & AIRSTREAM TEMPERATURE

- Newly developed reversible head for measuring air velocity at exhaust and inlet grilles with one instrument
- Sweep mode measures average air velocity or air volume over an area or period of time
- Displays measurements in metric or imperial units
- Ergonomically designed for high performance, unrivalled accuracy and ease of use
- Air Velocity Range: 0.25 to 30 m/s (50 to 6000 fpm)
- Temperature Range: 0 to 60°C (32 to 140°F)
- Volumetric Flow Rate: 1 to 999 999 l/s (1 to 999 900 cfm) 1 to 999 999 m³/h, 0.1 to 3000 m³/s
- Optional *AirCones* quickly convert the model RVA801 into an air volume flow balancing tool
- Aerodynamic design for minimal resistance
- Two sizes suit most supply and extract grilles
- Self sealing for leak tight readings
- Constructed of hard wearing ABS
- Volume flow curves in m³/sec and cfm
- Air Volume Range: 0 to 0.1 m³/s (0 to 210 cfm)

HK666

IA116



Model No.	Mfg. No.	Description	Price/Each
HK666	RVA801	Rotating Vane Thermo-Anemometer	585.00
IA116	801750	Volumetric Flow Hoods	257.00

THERMO-ANEMOMETERS

- Simultaneous display of air velocity and temperature
- Super large (1.4"), 4-digit, dual function LCD
- Remote low friction vane-type air flow sensor (2.33"D)
- Humidity probe with thin-film capacitance sensor
- Both sensors also provide temperature measurements
- Record/Recall Min, Max and Avg readings
- Data Hold plus Auto shut off
- Built-in RS-232 serial interface with optional data acquisition software and datalogger module
- 9 V battery power or optional AC adapter
- Includes 39" (1m) cable, 9 V battery and protective holster
- Air Velocity Range: 0.4 to 25.0 m/s; 1.4 to 90.0 km/h; 80 to 4930 ft/min; 0.9 to 55.9 mph; 1.9 to 38.8 knots
- Temperature Range: 32 to 122°F; 0 to 50°C
- Humidity Range: 0 to 95% RH

HX256

REED

Model No.	Mfg. No.	Description	Price/Each
HX256	AM-4203	Thermo-Anemometer	295.00

THERMO-ANEMOMETERS

- Measures air velocity as well as temperature with a type J/type K thermocouple thermometer
- Hot wire probe
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- Air velocity is measured in m/s, ft/min, km/h, mph or knots
- Temperature is measured in °C or °F
- Air Velocity Range: 0.2 to 25.0 m/s
- Type J Temp. Range: -50 to 1200°C
- Type K Temp. Range: -50 to 1300°C



REED

Model No.	Mfg. No.	Description	Price/Each
IA797	SD-4214	Thermo-Anemometer	395.00

BALOMETERS

- Detachable manometer can be used with optional probes
- Reads in. H₂O, ft H₂O, PSI, in. Hg, mm Hg, m H₂O, kPa, mm Hg, bar
- Displays Min, Max and Average of up to 1000 readings
- Stores up to 1000 readings with time and date stamp
- Battery operated
- Includes *CompuDat*™ software to download data to PC
- Shipped complete with manometer, 2' x 2' air capture hood/frame/base, 4 "AA" size rechargeable NiMH batteries, external battery charger, 18" pitot probe, 2 static pressure probes, 16 ft. neoprene tubing, wheeled carrying case, software and manual
- Diff. Pressure Range: ± 15 in. H₂O (3735 Pa)
- Absolute Pressure Range: 15 to 40 in Hg (356 to 1016 Hg)
- Air Velocity Range: 25 to 8000 fpm (0.125 to 40 m/s) pitot tube; 25 to 5000 fpm (0.125 to 25 m/s) air flow probe; 25 to 2500 fpm (0.125 to 12.5 m/s) velocity matrix
- Air Volume Range: 25 to 2500 ft³/m (42 to 4250 m³/h)
- Humidity Range: 0 to 95% RH (optional probe)
- Temperature Range: -40° to 250°F (-40° to 121°C) probe dependent



IA120



Model No.	Mfg. No.	Description	Price/Each
IA120	EBT721	Balometer, Electronic Kit	3295.00
IA575	800187	Air Foil Probe	402.00
IA576	800188	Probe, Temperature	296.00
IA577	800189	Probe, Temp/RH	396.00
IA578	801090	16-Point Velocity Matrix w/Telescopic Handle	430.00
IA579	801206	Hood Expansion Kit, 2 hoods, 1' x 4' and 2' x 4'	552.00
IA580	801207	Hood Expansion Kit, 2 hoods, 1' x 5' and 3' x 3'	552.00

INSTRUMENTS

ALL STAINLESS STEEL ELECTRONIC DIGITAL CALIPERS

- Large LCD display provides easy-to-read numbers
- Precision adjustments for accurate measurements
- Hardened stainless steel head and body
- Lock screw to hold slide in position
- Linear accuracy: $\pm .001"$ (.03 mm)
- Inch/millimeter conversion
- Zero at any position
- ON/OFF button
- Includes: Two 1.5 V batteries, type LR44 and deluxe storage case with foam inserts



TGZ370

aurora tools®

Model No.	Size	Measurement Range	Approximate Jaw Depth	Price/Each
TGZ370	6	0-6" (152 mm)	1 1/2" (38 mm) outside, 5/8" (16 mm) inside	61.10
TJZ861	8	0-8" (200 mm)	2" (50 mm) outside, 3/4" (19 mm) inside	73.80
THZ769	12	0-12" (300 mm)	2 7/8" (73 mm) outside, 7/8" (22.25 mm) inside	137.00

6" ELECTRONIC DIGITAL CALIPER

- Large LCD display provides easy-to-read numbers
- Precision adjustments for accurate measurements
- ABS plastic head and stainless steel body
- Lock screw to hold slide in position
- Approximate jaw depth:
1 1/2" (38 mm) outside, 5/8" (16 mm) inside
- Inch/millimeter conversion
- Zero at any position
- Automatic shut OFF
- Includes two 1.5 V batteries, type LR44 and a deluxe storage case with foam insert



aurora tools®

Model No.	Measurement Range	Resolution	Price/Each
TLV181	0-6" (0-152 mm)	0.001" (0.03 mm)	75.15

ELECTRONIC DIGITAL MICROMETERS

- Large LCD display provides easy-to-read numbers
- Carbide tipped measurement surfaces
- Resolution to 5 decimal places
- Linear accuracy: $\pm .0001"$ (.003 mm)
- Inch/millimeter conversion
- Includes calibration wrench
- Zero at any position
- Lock screw to hold mechanism in position
- Automatic OFF button
- Includes: Thimble ratchet, two 1.5 V batteries, type LR44, wooden storage case with foam insert



aurora tools®

Model No.	Measurement Range	Resolution	Price/Each
IA388	0-1" (0-25mm)	0.00005" (0.001mm)	122.00

MANOMETERS

- Digital display of gauge or differential
- Select from one of 11 different pressure units
- Data hold
- Max/Min Record
- Display backlight
- Auto power off
- Low battery indicator
- Simple fittings for hose connection
- Optional RS-232 interface
- Includes hard carrying case, 9 V battery, connection hose and manual
- Pressure Range: **IA138:** 0 to 30 PSI;
IA139: 0 to 100 PSI



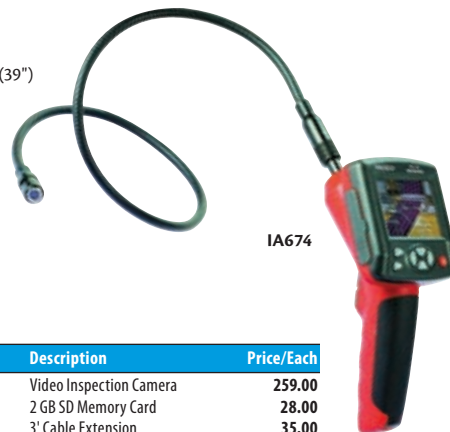
IA138

REED

Model No.	Mfg. No.	Description	Price/Each
IA138	8230	Digital Manometer	169.00
IA139	82100	Digital Manometer	189.00

INSPECTION CAMERAS

- Comfortable pistol grip design and forward facing controls make it easy to detect and diagnose the unreachable
- High visibility 3.2" colour TFT LCD monitor with 320 x 240 pixel resolution
- Flexible gooseneck imager head retains configured shape and is waterproof (IP67)
- High visibility 10° adjustable LED lighting
- Camera and video functions allow you to save high resolution JPG images and live video
- Transfer files to a computer via USB cable and optional 2 GB SD memory card
- Rechargeable lithium-ion battery
- Viewing distance: 15 cm to 25 cm (5.9" to 9.8")
- TV compatible
- Viewing angle: 0 to 180°
- Camera diameter:
17 mm (0.66"); Length: 1 m (39")
- Includes video borescope, imager head, magnet, hook and mirror attachments, 3.7 V lithium battery, DC power supply, USB cable, video output cable, user manual and hard carrying case



IA674

REED

Model No.	Mfg. No.	Description	Price/Each
IA674	BS-150	Video Inspection Camera	259.00
IA675	BS-150-2GBSD	2 GB SD Memory Card	28.00
IA678	BS-C3	3' Cable Extension	35.00
IA679	BS-C6	6' Cable Extension	70.00

aurora tools®

The best value in industrial tools . . . period

IN-LINE FLOW METERS

- Features a unique variable-area metering design, with a spring-retained moveable piston
- Can be installed quickly in any position form vertical to horizontal, without costly flow straighteners or other special plumbing requirements
- Constructed of polysulfone and stainless steel for greater tolerance to pressure and temperature as well as chemical compatibility
- Calibrated in gpm and lpm
- 1" NPT threaded port

HC971



Model No.	Mfg. No.	Flow Range	Medium	Price/Each
HC969	621-004	0.5 - 4 gpm	Water	65.00
HC970	621-010	1 - 10 gpm	Water	65.00
HC971	621-016	1 - 16 gpm	Water	65.00
HC972	621-028	4 - 28 gpm	Water	65.00
HC973	621-104	0.5 - 4 gpm	Oil	65.00
HC974	621-110	1 - 10 gpm	Oil	65.00
HC975	621-116	1 - 16 gpm	Oil	65.00
HC976	621-128	4 - 28 gpm	Oil	66.00

ULTRASONIC FLOW METERS

- Trans-phase measuring technology provides accurate flow velocity assessments in closed piping systems
- Piezoelectric transducers transmit and receive an acoustic signal reflected off discontinuities in a liquid flow stream
- Compares transmitted and received frequencies and calculates a shift value, the magnitude of which is proportional to the liquid's flow velocity
- Measures flow of both clean and dirty liquids
- Non-invasive, clamp-on transducer
- Portable or permanent installations
- Plastic or metal pipe, sizes from 0.25" (6.3 mm)
- Large, four digit, 0.7" (18 mm) high LCD readout of velocity, w/signal strength, measuring units and low battery annunciators
- NEMA 12X, impact resistant ABS plastic case
- Flow Range: 0.30 to 30.00 fps (0.100 to 9.000 m/s)

THZ267



Model No.	Mfg. No.	Description	Price/Each
THZ267	DUFX1-B1	Ultrasonic Flow Meter w/Small Pipe Transducer	2125.00
HM864	DUFX1-D1	Ultrasonic Flow Meter w/Standard Pipe Transducer	1988.00
THZ268	DUFX1-F1	Ultrasonic Flow Meter w/Both Pipe Transducers	2803.00

FLOW TOTALISERS

- All meters are self-contained and carry the FM Approval Class I, Division 1 for all group environments
- Aluminum housings are rated to 300 PSIG and are well suited for most petroleum products
- Nylon housings are rated to 150 PSIG and are used with non-aggressive chemicals and water
- All factory calibration is accurate to $\pm 1.5\%$ for non-viscous fluids
- 0.3 to 3 gpm and 3.0 to 50 gpm ranges use 1" NPTF
- 30 to 300 gpm range uses 2" NPTF



HM476



Model No.	Mfg. No.	Description	Price/Each
HM479	A109GMN025NA1	Nylon Flow Meter, 0.3 to 3 gpm	580.00
HM480	A109GMN100NA1	Nylon Flow Meter, 3 to 50 gpm	568.00
HM476	A109GMA025NA1	Aluminum Flow Meter, 0.3 to 3 gpm	550.00

FLOW TOTALISERS

- Small, powerful microprocessor-based totalisers powered by "AAA" batteries
- Large 4-digit displays mount at the nozzle
- Suited for flow ranges from 3 to 30 gpm
- Accuracy is ± 5
- Nylon models, rated to 150 PSIG, are factory calibrated for water
- Aluminum models, rated to 300 PSIG, are factory calibrated for fuels
- All mount with 1" female NPT fittings



OC356



Model No.	Mfg. No.	Description	Price/Each
OC353	113255-4	Water Meter, gallons, NPT	209.00
OC354	113255-5	Water Meter, liters, NPT	209.00
OC355	113255-6	Water Meter, liters, ISO	209.00
OC356	113255-1	Fuel Meter, gallons, NPT	209.00
OC357	113255-2	Fuel Meter, liters, NPT	209.00
OC358	113255-3	Fuel Meter, liters, ISO	209.00

CABLE FLOAT SWITCHES

- Control the level of liquids in filling or draining reservoirs and tanks
- Mercury-free switch is designed with an inverter microswitch housed in a polypropylene cover
- Unit includes a counterweight to adjust the stop and start levels of pump up/pump down application
- SPST switch, 10 A at 250 VAC resistive
- NEMA4 (IP68) enclosure rating
- Mounts vertically

THZ266



Model No.	Mfg. No.	Description	Price/Each
THZ266	CFS-2	Cable Float Switch, 2 m (6.5') cable	50.00
THZ265	CFS-10	Cable Float Switch, 10 m (32.8') cable	94.00

LEVEL SWITCHES

- Dual level switch designed for filling and draining tanks, wells, and reservoirs
- Shape and interior balance weight ensure impurities and dirt will not adhere to the surface, making it ideal for sewage and waste water applications
- Mercury-free switch is designed with an inverter microswitch housed in a polypropylene cover
- SPST switch, 10 A at 250 VAC resistive
- NEMA4 (IP68) enclosure rating
- Mounts vertically

THZ271



Model No.	Mfg. No.	Description	Price/Each
THZ271	FSW-6	Free-Floating Level Switch, 6 m (19.5') cable	85.00
THZ269	FSW-15	Free-Floating Level Switch, 15 m (49') cable	103.00

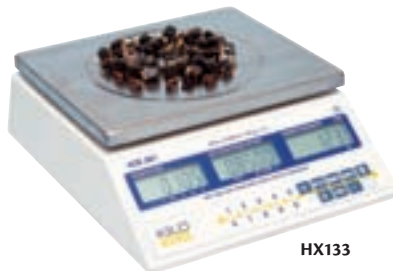
SCALES

DIGITAL COUNTING SCALES

- Used for counting and quantity checking
- Primary counting function
- High accuracy load cell
- Large LCD display
- Rechargeable battery
- Full digital calibration
- Tare function
- Auto zero tracking
- Quantity set alarm (checking)
- Back light display
- Accumulation memory quantity
- 1-year warranty



IA778



HX133

KILOTECH

NOT LEGAL FOR TRADE

Model No	Mfg. No.	Capacity	Graduation	Counting Resolutions	Price /Each
IA777	KCS 1000-6	13 lbs./6 kg	0.001 lbs./0.5 g	1/15 000	339.56
IA778	KCS 1000-15	33 lbs./15 kg	0.002 lbs./1 g	1/15 000	339.56
IA779	KCS 1000-30	66 lbs./30 kg	0.005 lbs./2 g	1/15 000	339.56
HX133	KCS 301-30	66 lbs./30 kg	0.002 lbs./1 g	1/30 000	399.83
IA590	KCS 301-15	33 lbs./15 kg	0.001 lbs./0.5 g	1/30 000	399.83

WEIGHING SCALES

- Ideal for high humidity and dusty work environment
- Large stainless steel platform is removable for easy cleaning
- Convenient displays on front and rear of the scale allow use from both sides of the worktable
- Meets IP66 (dust tight and protected against a strong water jet) standards

FEATURES:

- Large LCD type display with backlight
- ABS enclosure
- Water and dust resistant
- Secondary counting function
- Four direct keys: Zero, tare, units/counting, on/off
- Four weight modes: g, kg, oz., lb.
- A/C power or rechargeable battery (not included)
- Dimensions: 9" W x 9.5" D x 5.75" H



PE129

KILOTECH

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
NOT LEGAL FOR TRADE				
PE126	KWD 500-5	5.5 lbs./2.5 kg	0.002 lbs./0.001 kg	302.66
PE127	KWD 500-10	11 lbs./5 kg	0.005 lbs./0.002 kg	302.66
PE128	KWD 500-20	22 lbs./10 kg	0.01 lbs./0.005 kg	302.66
PE129	KWD 500-50	44 lbs./20 kg	0.02 lbs./0.01 kg	302.66
LEGAL FOR TRADE				
IA591	KWD 500-5	5.5 lbs./2.5 kg	0.002 lbs./0.001 kg	383.56
IA592	KWD 500-10	11 lbs./5 kg	0.005 lbs./0.002 kg	383.56
IA593	KWD 500-20	22 lbs./10 kg	0.001 lbs./0.005 kg	383.56
IA594	KWD 500-50	44 lbs./20 kg	0.002 lbs./0.01 kg	383.56

COMPACT BENCH COUNTING SCALES

EC Series counting scales are economical and designed for fast, accurate operation. Ideally suited for annual inventories, parts rooms, rentals and other counting applications, with an internal counting resolution of 1:600 000. EC counting scales offer accuracy, durability and portability in one practical design.

FEATURES:

- Three-window, backlit LCD with fast display of weight, average piece weight (APW) and parts count
- Full counting keypad with numeric keys
- Pre-set tare and dedicated TARE and SAMPLE keys for fast operation
- Pound or gram weighing units
- 10 average piece weight memory locations for commonly-counted parts
- Accumulator function for weight and parts count
- Auto-optimisation feature recalculates APW constantly for enhanced parts counting accuracy
- 80-hour internal rechargeable battery with power-saving auto shut-off feature
- AC adaptor included
- Adjustable filtering level and auto-zero tracking for weighing in industrial condition
- Pan size: 11.6" x 8.9"



HX643

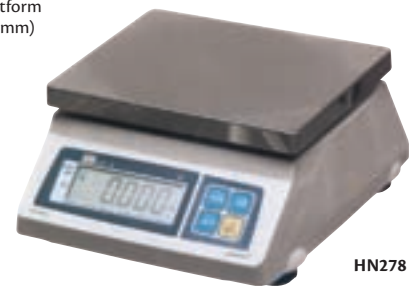


NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HX643	EC3	6 lbs./3000 g	0.0002 lbs./0.1 g	769.93
HX644	EC6	15 lbs./6000 g	0.0005 lbs./0.2 g	769.93
HX645	EC15	30 lbs./15 000 g	0.001 lbs./0.5 g	769.93
HX646	EC30	60 lbs./30 000 g	0.002 lbs./1 g	769.93

ELECTRONIC DIGITAL WEIGHING SCALES

- Suitable for a wide range of applications
- Four weight modes: g, kg, lbs. and oz.
- Removable stainless steel platform
- Large LCD display (15/16"/25 mm)
- Battery or AC adapter operated (included)
- ABS enclosure



HN278

KILOTECH

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
NOT LEGAL FOR TRADE				
HX142	SW5	5 lbs./2 kg	0.002 lbs./1 g	301.38
HX143	SW10	10 lbs./5 kg	0.005 lbs./2 g	301.38
HX144	SW20	20 lbs./10 kg	0.01 lbs./5 g	301.38
HX145	SW50	50 lbs./20 kg	0.02 lbs./10 g	301.38
LEGAL FOR TRADE				
HX052	SW5	5 lbs./2 kg	0.002 lbs./1 g	381.75
HN278	SW10	10 lbs./5 kg	0.005 lbs./2 g	381.75
HN279	SW20	20 lbs./10 kg	0.01 lbs./5 g	381.75
HN280	SW50	50 lbs./20 kg	0.02 lbs./10 g	381.75

PORTABLE ELECTRONIC BALANCES

- Scout® Pro is a portable balance designed to meet the most common weighing equipments
- Features a large LCD display
- Removable stainless steel pan
- Weight display in g, kg, oz., lbs., lb.oz.; and Troy ounce or pennyweight units for weighing precious materials
- Powered by four AA batteries (not included) or included AC adapter pack
- Dimensions: 6.0" W x 6.3" D x 2.2" H
- Weight: 1.8 lbs.
- 2-year warranty on parts and labour



HX216

MULTIPLE WEIGHING MODES:

- Parts counting
- % weighing
- Display hold for shipping applications



HM315



NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Pan Size"	Price /Each
HX216*	SP202	200 g	0.01 g	4.7 diameter	460.70
HX217*	SP402	400 g	0.01 g	4.7 diameter	646.64
IA550*	SP602	600 g	0.01 g	4.7 diameter	759.15
HX218*	SP401	400 g	0.1 g	4.7 diameter	254.63
HM315*	SP601	600 g	0.1 g	5.5 x 6.5	376.61
IA551	SP2001	2000 g	0.1 g	5.5 x 6.5	477.28
IA552	SP4001	4000 g	0.1 g	5.5 x 6.5	697.56
IA553	SP6001	6000 g	0.1 g	5.5 x 6.5	787.57
IA554	SP6000	6000 g	1 g	5.5 x 6.5	395.56
HM065	76288-01	Security Device			86.22
HM316	77256-01	Carrying Case			115.47

* Span calibration mass included

LOW PROFILE BENCH SCALES

The ES Series design makes this low profile scale perfect for shipping, receiving and general bench applications. Easy 2-button operation and large display guarantees accurate and unmistakable results. The 3-way mounting bracket (included) allows you to mount the indicator to front of scale base, above the base, or to any vertical surface.

- Display weight in kg, lbs., oz. or combined lb:oz.
- Stainless steel weighing platform and epoxy painted steel frame
- AC or battery powered operation
- Includes: 3-way mounting bracket and AC adapter
- 1-year warranty on parts and labour



HN272



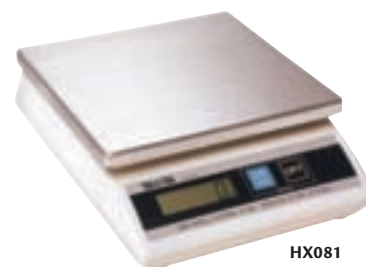
NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity lbs./kg/oz.	Readability lbs./g/oz.	Platform Dimensions L" x W" x H"	Price /Each
HN272	ES30R	66/30/1056	0.05/10/0.5	12.2 x 10.8 x 1.5	728.36
HN273	ES50R	110/50/1760	0.05/20/1	12.2 x 10.8 x 1.5	728.36
HN274	ES50L	110/50/1760	0.05/20/1	20.5 x 15.7 x 3	779.28
HN275	ES100L	220/100/3520	0.01/50/2	20.5 x 15.7 x 3	779.28
HN276*	ES200L	440/200/7040	0.02/100/5	20.5 x 15.7 x 3	779.28

* lb:oz. display not available on model HN276

PORTION CONTROL SCALES

- Large LCD display - 5/8" high
- Removable stainless steel platform
- Tare weighing function
- 800-hours of battery life
- 2-mode function kg and lbs.
- AC adaptor (included) or four AA batteries (not included)



HX081

TANITA

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HX081	KD-200-110	35 oz./1000 g	0.05 oz./1 g	152.70
HX082	KD-200-210	70 oz./2000 g	0.1 oz./2 g	152.70
IA557	KD-200-510	176 oz./5000 g	0.2 oz./5 g	152.70

PORTABLE ELECTRONIC POCKET SCALES

- Ohaus® hand held scales ideal to take anywhere
- HT148 model with basic grams weighing
- HT146 and HT149 models with multiple weighing units
- Backlit display (HT146 and HT149 models)
- Protective snap on cover
- 1-year warranty on parts and labour
- Powered by two AAA batteries (included)
- Dimensions: 3.25" W x 5.35" D x 0.8" H
- Weight: 0.34 lb.



HT146



NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Weighing Units	Price /Each
HT148	HH120D	0-60 g	0.1 g	g	134.58
		60-120 g	0.2 g		
HT146	HH120	120 g	0.1 g	g, oz., dwt, oz. t.	161.50
HT149	HH320	320 g	0.1 g	g, oz., dwt, oz. t.	200.26

COMPACT ELECTRONIC SCALES

- Displays results in g or combined lb:oz
- One-button operation
- Full capacity tare
- LCD display
- Operates on three AAA batteries (included) or with an optional AC adapter
- Dimensions: 5.3" W x 7.6" D x 1.5" H
- 1-year warranty on parts and labour
- Weight: 1 lb.



HN218



NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HN218	CS200	0 lb:7.05 oz./200 g	0.01 oz./0.1 g	143.30
HN219	CS2000	4 lb:6.55 oz./2000 g	0.05 oz./1.0 g	143.30
HN220	CS5000	11 lb:0.4 oz./5000 g	0.1 oz./2.0 g	168.17
HL853	90524-66	Optional AC Power Adapter		54.39

SCALES

ECONOMY PRECISION SCALES

- Maximum efficiency at minimal cost
- Top loading scales have a removable stainless steel platform making them easy to keep clean
- Speed and precision at a low price
- Ideal for small lab and educational environments

FEATURES:

- External calibration, brushed stainless steel platter and adapter
- Weights in g, oz., lbs., dwt, oz. t., cnt
- Counting features
- Operating temperature: 10°C to 35°C
- Dimensions: 7" W x 9 3/4" D x 2 1/2" H
- 1-year warranty



PE130



PE131

K I L O T E C H

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Platter Dimension	Price/Each
PE130	KLE-200	200 g	0.1 g	4.6" diameter	175.81
PE131	KLE-2000	2000 g	1 g	5" x 6.5"	175.81

PRECISION SCALES

- Fast microprocessing speed and digital filtration are the key to peak performance and stability
- Single direction RS-232 allows you to connect to peripheral devices
- Leveling bubble is included and all four feet are adjustable
- Features external calibration
- Brushed stainless steel platter and adapter
- Weights in g, oz., lbs., dwt, oz. t., cnt and KHA 0.01 g also weights in CT
- Counting features
- Operating temperature: 10°C to 35°C
- 1-year warranty

PE136



PE137

K I L O T E C H

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Platter Dimensions W" x D"	Price /Each
IA780	KHA-230R	200 g	0.001 g	4.75 x 4.75	410.98
PE136	KHA-1000R	1000 g	0.01 g	4.75 x 4.75	365.31
PE137	KHA-1201R	1200 g	0.1 g	6.94 x 6.94	273.98
IA781	KHA-5001R	5000 g	0.1 g	6.94 x 6.94	319.65

INDIVIDUAL TEST WEIGHTS

These individual test weights can be used to periodically verify your scale's readings.

Recommended for scales with a minimum division size of 1 g. The M1 test weights include a vendor statement of accuracy.



IA572



K I L O T E C H

Model No.	Mfg. No.	Capacity	Description	Class	Tolerance	Price /Each
IA565	853555	100 g	Cylindrical, stainless steel, packed in plastic screw cap container with cushioned interior	Class M1 (OIML R111) with statement of accuracy; non-traceable	± 5 mg	31.38
IA566	853554	200 g			± 10 mg	39.23
IA567	853553	500 g			± 25 mg	59.62
IA568	853552	1 kg			± 50 mg	94.13
IA569	853551	2 kg			± 100 mg	138.06
IA570	853556	5 kg			± 250 mg	266.70
IA571	853557	20 kg	Grip handle, cast iron	Class M1 (OIML R111) with statement of accuracy; non-traceable	± 1 g	188.26
IA572	853555	50 lbs.			± 0.028 lb.	188.26
IA573	853429	20 g	Polished alloy	Non-classified without statement of accuracy	-	4.70
IA574	853431	100 g			-	9.41

UTILITY SCALES

This general purpose, portable weighing scale can be used in shipping and receiving areas. The large dual dial is easy to read from either the top or side position. The memory lock lever will hold the reading when dial is obscured by an oversized package.

pelouze®

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Dimensions L" x W" x H"	Price /Each
HL933	P-250	250 lbs.	1 oz.	13 1/2 x 11 x 2 3/4	133.67
HX655	P114S	114 kg	0.5 kg	13 1/2 x 11 x 2 3/4	133.67

HL933



MECHANICAL PLATFORM BEAM SCALES

- Perfect for shipping and receiving operations or for use where electronic devices may pose a "spark" threat, such as propane filling
- Rust resistant brass beam with dual (kg/lbs.) reading
- Heavy-duty platform scales have a cast iron construction
- Hard wearing enamel finish
- Counterweights are colour coded for easy visual identification
- 50-kg and 100-kg models are bench top
- 300-kg and 500-kg models are portable
- Available as legal for trade, government certified

PE455



K I L O T E C H

Model No.	Mfg. No.	Capacity	Graduation	Platform Dim. W" x D"	Wt. lbs.	Price /Each
NOT LEGAL FOR TRADE						
PE455	KT-SP100KG	200 lbs./100 kg	10 lbs. x 1 oz./5 kg x 50 g	12 x 16	88	448.44
PE459	KT-SP300KG	600 lbs./300 kg	50 lbs. x 4 oz./25 kg x 100 g	16 1/2 x 24	242	603.28
LEGAL FOR TRADE						
PE454	KT-SP100KG-INSPECTED	200 lbs./100 kg	10 lbs. x 1 oz./5 kg x 50 g	12 x 16	88	631.27
PE458	KT-SP300KG-INSPECTED	600 lbs./300 kg	50 lbs. x 4 oz./25 kg x 100 g	16 1/2 x 24	242	818.04

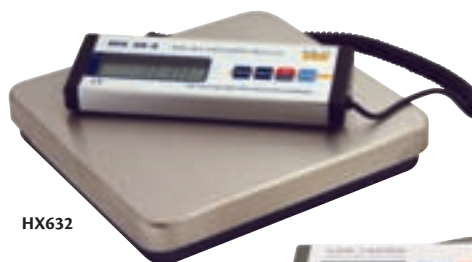
RECEIVING SCALES

These scales are heavy-duty, general purpose and are suitable for light industrial or shipping applications. The easy-to-read indicator is connected to the base by an 8' coiled cord that allows convenient remote placement. Large removable stainless steel platform allows for easy clean up. A keypad toggle allows easy kg/lbs. selection.

FEATURES:

- Kg/lbs. modes
- Programmable Auto-Off function
- Removable stainless steel platform (HX632, HX633, IA558, IA782, and IA783)
- Fixed mild steel checkered platform (IA564 and IA453)
- 4 1/2" x 1 1/2" LCD display (HX632, HX633 and IA558)
- 3" x 1 1/4" LCD display (IA564 and IA453)
- Platform size: 11.75" x 12.25" (HX632, HX633, IA558, IA564 and IA453) 14" x 16" (IA752 and IA783)
- Zero, tare and kg/lbs. (toggle) keys
- Heavy-duty 8' coiled cord
- Power supply: Six AA alkaline batteries (not included) or 120 V AC adapter (included)
- 1-year warranty

HX632



IA453



K I L O T E C H

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HX632	KPS-50-2	110 lbs./50 kg	0.1 lbs./0.05 kg	259.69
HX633	KPS-100-2	220 lbs./100 kg	0.2 lbs./0.1 kg	259.69
IA558	KPS-150-2	300 lbs./150 kg	0.2 lbs./100 g	259.69
IA564	KPS-68MS	150 lbs./68 kg	0.2 lbs./100 g	193.39
IA782	KPS-60SS	130 lbs./60kg	0.05 lbs./20 g	296.86
IA783	KPS-150SS	330 lbs./150kg	0.1 lbs./50 g	296.86
IA453	KPS-180MS	400 lbs./180 kg	0.5 lbs./200 g	193.39

TOP LOADING SCALES

- Large stainless steel and enamel platforms to accommodate a variety of package sizes
- Bold graphics improves reading accuracy and ease
- Portable, rugged and reliable

HX129



K I L O T E C H

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Case Finish	Platform Dim. W" x D"	Price /Each
PE446	KAM1101PL	11 lbs./5 kg	Enamel	8 3/4 x 8 3/4	111.51
PE447	KAM2501SPL	26 lbs./12 kg	S. Steel	8 3/4 x 8 3/4	111.51
PE449	KAM5002PL	50 lbs./22 kg	Enamel	10 3/4 x 9 1/2	119.55
HX129	KAM1004PL	100 lbs./45 kg	Enamel	13 x 13	270.74
HX131	KAM2008PL	200 lbs./90 kg	Enamel	15 1/2 x 15 1/2	298.37

SCALES

DEFENDER™ 3000 PLATFORM SCALES

- Ideal for general weighing and simple counting applications in production, packaging, warehouse, inventory, shipping and receiving areas
- Ideal for bench and floor scale applications
- Indicator features a high-impact durable ABS housing with reversible rear cover for either wall, column or table-top mounting
- Large, backlit LCD display quickly displays results in a choice of multiple weighing units (lb., oz, combined lb:oz, kg or g)
- Parts counting mode with a minimum average piece weight of 1d, selectable sample sizes, and automatic retention of last sample size used and average piece weight data
- Built-in bidirectional RS232C for printing or connection to PC
- Includes an AC adapter and an internal rechargeable lead acid battery that lasts 100-hours between recharges
- Platform dimensions: 19.7" x 25.6" / 500 mm x 650 mm



NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Price /Each
IA555	D31P150BX	300 lbs./150 kg	0.05 lbs./0.02 kg	853.30
IA556	D31P300BX	600 lbs./300 kg	0.1 lbs./0.05 kg	853.30

DEFENDER™ 7000 SQUARE BENCH SCALES

- ABS plastic indicator with square painted steel base
- Advanced parts counting, dynamic animal weighing, percent weighing, display hold for large containers, check weighing, accumulation, lb., oz, lb:oz, g, kg, user-defined custom unit
- Full alphanumeric keypad, dual-line backlit LCD display and check weighing LEDs
- Includes second scale analog input for dual base operation
- Pressed square steel welded base design for rugged durability with painted column
- Includes: RS232 interface with GMP/GLP data output including date and time, and external analog base input
- Internal power supply with universal line cord or six C batteries (80-hour battery life)



NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Platform Dimensions L" x W" x H"	Price /Each
IA640	D71P10QR1	25 lbs./10 kg	0.002 lbs./0.001 kg	12 x 12 x 3.8	1305.20
IA641	D71P25QR1	50 lbs./25 kg	0.005 lbs./0.002 kg	12 x 12 x 3.8	1305.20
IA642	D71P50QL2	100 lbs./50 kg	0.01 lbs./0.005 kg	12 x 12 x 3.8	1452.25
IA643	D71P100QL2	250 lbs./100 kg	0.02 lbs./0.01 kg	12 x 12 x 3.8	1452.25
IA644	D71P250QX2	500 lbs./250 kg	0.05 lbs./0.02 kg	24 x 24 x 5	2086.00

ELECTRONIC BENCH & PLATFORM SCALES

- Ideal for use in dry environments and areas of low humidity
- Quick weighing, percentage, counting and accumulation modes
- Automatic zero tracking
- Overload alarm
- Low battery protection
- Pre-set tare
- Auto and manual on-off
- Lb./Kg mode
- Adjustable indicator glow
- Model IA788 comes with the indicator on the base with a carrying handle
- Models IA789 to IA791 comes with indicator on a post
- 1-year warranty



KILOTECH

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Platform Dim. L" x W"	Price /Each
IA788	KTG-B150	330 lbs./150 kg	0.1 lbs./0.05 kg	15 3/4 x 15 3/4	382.90
IA789	KTG-C150	330 lbs./150 kg	0.1 lbs./0.05 kg	15 3/4 x 19 3/4	455.82
IA790	KTG-C300	600 lbs./300 kg	0.2 lbs./0.1 kg	18 x 23 3/4	638.15
IA791	KTG-C500	1100 lbs./500 kg	0.2 lbs./0.5 kg	23 3/4 x 23 3/4	802.26

ELECTRONIC BENCH SCALES

- For use in shipping and receiving areas, quality control and ISO compliance applications
- Removable stainless steel platform
- Rechargeable batteries and adapter included
- Large 6 LCD digits (1 1/2" / 25 mm)
- Adjustable indicator and indicator arm



KILOTECH

Model No.	Mfg. No.	Capacity	Graduation	Price /Each
NOT LEGAL FOR TRADE				
HX141	KB5150	300 lbs./150 kg	0.1 lbs./50 g	728.80
LEGAL FOR TRADE				
HX137	KB5150	300 lbs./150 kg	0.1 lbs./50 g	838.39

ECONOMY PALLET SCALES

- Digital indicator included
- Base 4' x 4'
- Capacity 5000 lbs. x 1 lb./2500 kg x 0.5 kg
- Not legal for trade
- 1-year warranty on parts and labour

Model No. HX239

Price/Each \$1421.00

DELUXE PALLET SCALES

- Digital indicator included
- Base 4' x 4'
- Capacity 5000 lbs. x 1 lb./2500 kg x 0.5 kg
- Powder coat finish
- 5-year warranty on parts and labour
- Legal for trade upon request

Model No. HX240

Price/Each \$1999.00

RAMPS

- Provides easy access to base
- Add two ramps for easy on-off weighing
- Hooks on front of ramp and lagging tabs securely hold base
- 4' x 4'

Model No. HX249

Price/Each \$875.00

BUMPER GUARDS

- Protects pallet scale from accidental hits

Model No. HX250

Price/Each \$172.75



HX250



HX240

HX249

PENNSYLVANIA



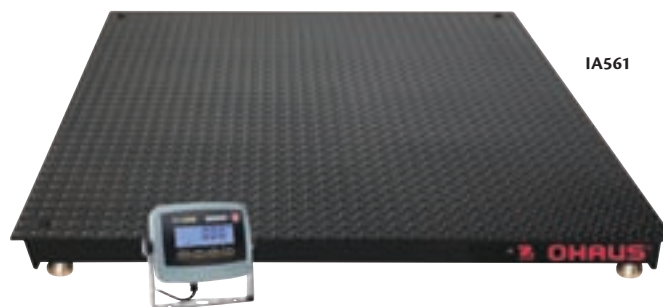
Indicator

VN SERIES ECONOMICAL FLOOR SCALES

The *Ohaus VN Series* of floor platforms and scales are the value solution to your dry weighing needs in industrial and commercial applications. Its high-quality construction is designed to minimize distortion under heavy loads, and ensures years of dependable performance. NTEP certification ensures consistent weighing results.

Standard features of the VN Series include:

- 5 mm/0.196" painted carbon steel weighing platform top plate with raised cross-hatch surface for added slip resistance
- Four NTEP-certified shear beam load cells protected to IP67
- Side-access NEMA 4X/IP65 dust and water protected stainless steel junction box with 16 1/2' indicator cable
- Four self-swiveling ball-in-cap feet, with top-access leveling adjustment for easy installation
- Internal structural bracing ensures platform rigidity
- Carbon steel eyebolts attached to side of platform for easy lifting and positioning
- T31P indicator includes: Backlit LCD display with 1" high digits, lbs. and kg weighing units, counting mode for inventory applications, 16 1/2' indicator cable, wall bracket for easy mounting, 80-hour internal rechargeable battery and AC adapter



IA561

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Platform Size				Price /Each
				L"	x	W"	x H"	
IA560	VN31P5000L	5000 lbs./2500 kg	1 lbs./0.5 kg	48	x	48	x 3 1/2	2131.10
IA561	VN31P5000X	5000 lbs./2500 kg	1 lbs./0.5 kg	60	x	60	x 3 1/2	2516.48
IA562	80252565		Floor Ramp, 4 feet wide					592.75
IA563	80252566		Floor Ramp, 5 feet wide					673.58



TASK LIGHTS & MAGNIFIERS

FLUORESCENT INDUSTRIAL-DUTY MAGNIFIERS

KFM SERIES

- Patented internal 45° spring arm offers perfect balance and full adjustability
- 5" diameter, distortion-free lens
- Reflector optimizes light output and distributes illumination evenly across the work area
- Electronic ballast increases light output by 15%
- Secondary lens allows for a wide variety of magnification tasks
- 22 W bulb (included) is protected by a non-yellowing acrylic, splash guard/diffuser
- Colour: Light grey
- 5-year limited warranty

Model No. XB951 3-diopter (1.75x)

Price/Each \$432.37

Model No. XC617 5-diopter (2.25x)

Price/Each \$450.76



LUXo

REPLACEMENT LAMP

Model No. XB172

Price/Case of 12 \$84.22

MAGNIFIERS

IFM SERIES

- Ideal medium-duty illuminated magnifier
- 5" diameter distortion-free lens in either 3-diopter (1.75x) or 5-diopter (2.25x) models
- Choice of 45" or 30" arm lengths
- Clamp or base mounts
- Fluorescent tube which provides shadow-free illumination
- Built-in starter, the switch does not have to be held down for several seconds to illuminate the tube
- 115 V AC
- Colour: Light grey
- Includes: Lamp diffuser cover, 3-wire cord, 22-watt fluorescent tube
- Certified for sale in Canada by an accredited certification body



XC225

XB947



LUXo

Model No.	Mfg. No.	Arm Length"	Diopter	Mount type	Price/Each
XB947	16345LG	45	3D	Edge	218.94
XC225	16346LG	45	5D	Edge	218.94

REPLACEMENT LAMP

Model No. XB172

Price/Case of 12 \$84.22

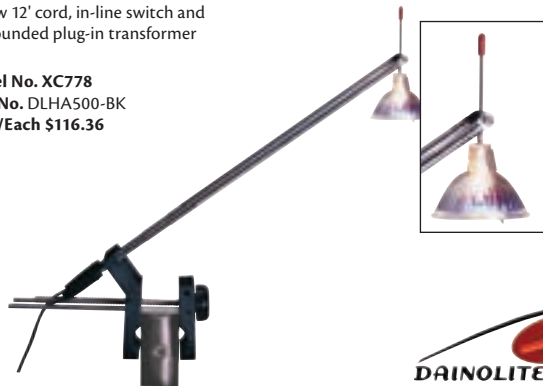
50 W HALOGEN DISPLAY LIGHT

- Use as display light, easel light and desk lamp
- Bulb: max. 50 W MR16 halogen (included)
- Retractable arms extends up to 31"
- Clamp max. opening to 4.25"
- C/w 12' cord, in-line switch and grounded plug-in transformer

Model No. XC778

Mfg. No. DLHA500-BK

Price/Each \$116.36



RHINOMAG ILLUMINATED FLUORESCENT MAGNIFIERS

- 5" diameter, 3-diopter lens which magnifies 1.75X (for increased magnification, see auxiliary lenses below)
- Heavy-duty spring balanced arms extend 42" (107 cm)
- Instant on/off switch
- Bulb cover for safety
- Comes with 22 W circline fluorescent bulb, spring covers and an industrial duty clamp-on bracket "AA"

Model No. XC510

Price/Each \$163.75



AUXILIARY LENSES

Model No.	Description	Price /Each
XC512	5 diopter lenses, replaces supplied 3D lens	38.75
XC513	8 diopter clip-on lens, to be used in conjunction with 3D or 5D lens	71.33

ILLUMINATED FLUORESCENT MAGNIFIERS

- 3-diopter, optical quality glass, stadium lens, 7.5" (19 cm) x 6" (15 cm)
- Heavy-duty metal spring balanced arms extend 42" (107 cm)
- Shade made of ABS plastic
- Two 9 W compact fluorescent bulbs included
- Each bulb is independently switched
- Includes: Industrial-duty clamp-on bracket "AA" auxiliary lenses

Model No. XC511

Price/Each \$361.09



XC514

XC511

AUXILIARY LENSES: Distortion free optical quality clip-on glass lens

Model No.	Description	Price /Each
XC514	Increases magnification by 4 diopters	45.03
XC515	Increases magnification by 8 diopters	64.19

SWING ARM CLAMP-ON DESK LAMPS

- Spring arm adjusts to many positions
- 36" reach
- Clamp to any surface
- Durable baked enamel finish
- Uses standard 100 W bulb (not included)
- Certified for sale in Canada by an accredited certification body



Model No.	Frame Colour	Light	Type	Price /Each
XA982	Black	100 W	Incandescent	48.29
XA983	White	100 W	Incandescent	48.29

REPLACEMENT BULBS

Model No.	Colour	Light	Price /Each
XB117	Frosted	100 W	1.56
XB118	Clear	100 W	1.56

TASK LIGHTS & MAGNIFIERS

200 W HALOGEN DISPLAY LIGHT

- 200 W halogen display light (DL200Q3 bulb included)
- Arm length 18 in. (46 cm)
- Head measures:
L 5.25 in (13.3 cm) x W 3.5 in (8.9 cm) x H 1.5 in (3.8 cm)
- Head and base made of high temperature plastic
- On/Off switch at base of arm
- Comes with 12 ft. (366 cm) SVT black cord with grounded plug

Model No. XC779
Mfg. No. DLHA200-BK
Price/Each \$116.36



18 W ENERGY EFFICIENT AND FLEXIBLE DESK LAMP

- Gives equivalent light output to a 100 W incandescent
- Arm and head are uniquely flexible to allow for precise light placement
- Height 18"
- Base 6" x 9"
- Bulb: Max. 18 W mini fluorescent (DS 18 W – included)

Model No. XC792
Mfg. No. ULT118-BK
Price/Each \$140.00



SUNNEX TASK LIGHTS

- Provide the concentrated light most needed for operations performed in today's workstations
- Ergonomically designed for ease-of-use and engineered to withstand years of operation

Note: After selecting the desired lamp, select the desired base style from the mounting bases and accessories table at the bottom of the page.

20-WATT HALOGEN SERIES

- Compact head design allows positioning to provide the best lighting with minimal view obstruction
- Incorporates a swivel joint lamp head, for ease-of-use, allowing 360° axial rotation and 90° angular adjustment

Standard features include: 12 V, 20 W halogen bulb, clear lens, spot reflector, black PUR gooseneck sleeving, 110 V power supply, On/Off switch located on transformer base, 7' SJT-18 polarized cord set

APPLICATIONS:

- Industrial manufacturing
- Assembly
- Inspection
- Medical and office

Model No.	Description	Price /Each
BW222	20" Flexible Gooseneck, w/ built-in 115 V/12 V Transformer	238.34
BW223	27" Flexible Gooseneck, w/ built-in 115 V/12 V Transformer	242.46
BW224*	20" Flexible Gooseneck, 12 V, No Transformer	152.09
BW225*	27" Flexible Gooseneck, 12 V, No Transformer	163.99
BW226	120 V/12 V Protective Transformer	148.59

* These units can be wired directly into machinery power supply.

MOUNTING BASES & ACCESSORIES

Model No.	Description	Price /Each
BASES		
BW231	Magnetic Base	71.90
BW232	C-Clamp Bracket, 1 5/8" Opening	83.14
BW233	8" Round Table Base	63.50

50-WATT MOISTURE RESISTANT HALOGEN TASK LIGHTS

Moisture proof lamp head, lens, and reflector, make the light fixture suitable to any environment, without risking electrical damage to the lamp, or injury to the operator

Standard features include: 12 V, 50 W halogen bulb, clear lens, flood reflector, black PUR gooseneck sleeving, 110 V power supply, On/Off switch located on transformer base, 7' SJT-18 polarized cord set.

APPLICATIONS:

- Industrial machinery (CNC lathes, drill presses, grinding, milling and other high vibration shop machinery)
- Assembly workstations
- Workbenches

Model No.	Description	Price /Each
BW227	27" Flexible Gooseneck, w/ built-in 115 V/12 V Transformer	441.55
BW226	120 V/12 V Protective Transformer	148.59

Model No.	Description	Price /Each
REPLACEMENT BULBS		
BW234	12 V-20 W Replacement Halogen Bulb	13.10
BW235	12 V-35 W Replacement Halogen Bulb, Medium Flood	26.58
BW236	12 V-50 W Replacement Halogen Bulb	14.10
BW237	24 V-20 W Replacement Halogen Bulb	18.71
BW239	24 V-50 W Replacement Halogen Bulb	26.32
XC854	3.2 W LED Replacement Bulb	87.46

700 SERIES LED LIGHTING

The LED element offers a significant increase in luminous intensity of a standard 20-watt halogen bulb, while providing close to 70% less energy consumption, cool-touch heat management and a projected 25 000 hours of high-output lighting.

FEATURES INCLUDE:

- Compact 3.2 W LED lamp head with 340° rotation 90° bend
- Flexible gooseneck
- Exceptionally long element life (35 000 hours)
- Cool operating temperature
- Push button On/Off switch in head

APPLICATIONS

- Medical
- Assembly
- Visual Inspection
- OEM Applications
- Fine Assembly
- Industrial Manufacturing
- Office
- Bench Work
- Electronics
- Packaging

Model No.	Mfg. No.	Description	Price /Each
XC850	LS710-20	20" Flexible Gooseneck, Tall Base, Built in 120 V Transformer	345.52
XC851	LS710-27	27" Flexible Gooseneck, Tall Base, Built in 120 V Transformer	383.34
XC852	LS751-20	20" Flexible Gooseneck, Square Base, Built in 12 V Transformer	342.08
XC853	LS751-27	27" Flexible Gooseneck, Square Base, Built in 12 V Transformer	362.71





HEAVY-DUTY WORKLIGHTS



- 500-watt weatherproof fixture
- Tempered glass lens
- Chrome-plated, solid steel guard
- Shock-resistant double insulated wiring
- 500 W colour-corrected quartz halogen bulb included
- Powder-coated steel construction
- Rubber leg tips protect floors and surfaces
- 1 year limited warranty
- Certified for sale in Canada by an accredited certification body

1' TO 3' TELESCOPIC

- 8', 16-gauge heavy-duty chemical and abrasion resistant cord
- Collapsible steel base
- Lights up to 6000 sq. ft.

Model No. XA150
Price/Each \$160.46

4' TO 8' TELESCOPIC

- Double-reinforced sandbaggage steel base expands to 48"
- 15', 16-gauge heavy-duty chemical and abrasion resistant outdoor cord
- Lights up to 7000 sq. ft.

Model No. XA140
Price/Each \$239.64

4' TO 8' TELESCOPIC TWIN

- Twin 500-watt heads
- Fixtures independently adjustable 360°
- Two 10 A switches
- Double-reinforced sandbaggage steel base expands to 48"
- 15', 16-gauge heavy-duty chemical and abrasion resistant cord
- Lights up to 14 000 sq. ft.

Model No. XA141
Price/Each \$358.42



REPLACEMENT BULB FOR ALL THREE STYLES

Model No. XC464 Price/Each \$2.96

POWER TOWERS

- Rugged and powerful enough to light up large construction sites
- Sets up in only a couple of minutes and collapses to fit in any truck or SUV
- Removable mast adjusts to position the fixture from 19" to 12 1/2' from the ground
- Fits any standard generator on its base, or can be run directly from a power outlet
- 1000 W metal halide bulb(s) included
- Certified for sale in Canada by an accredited certification body



Model No.	Fixtures	Light Output Lumens	Max. Area Illuminated	Power Requirement	Price /Each
XB369	Single 1000 W	110 000	109 000 sq. ft.	120 V 8.4 A	1825.46
XB370	Double 1000 W	220 000	218 000 sq. ft.	120 V 16.7 A	3127.45
XB217	Replacement 1000 W Metal Halide Bulb				44.44



HEAVY-DUTY MOLDED STRINGLIGHTS

- Rugged 12/3 STW cable is high visibility yellow
- Can be linked together for longer runs
- Sockets are rated for a max. 120 V, 150 W A23 bulbs
- Available with plastic lamp guards or heavy-duty grounded metal guards
- Certified for sale in Canada by an accredited certification body



Model No.	Length'	No. of sockets	Guard Style	Price /Each
XB979	50	5	Plastic Cage	151.04
XB980	50	5	Metal Cage	180.05
XB981	100	10	Plastic Cage	278.07
XB982	100	10	Metal Cage	323.08

ACCESSORIES

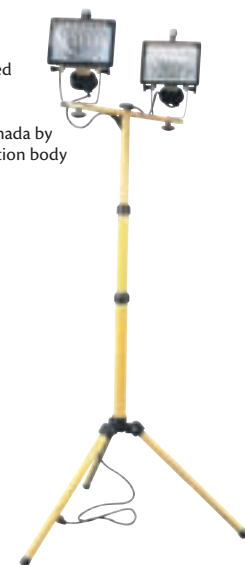
Model No.	Description	Price/Each
XB119	Standard Coat Replacement Bulb	2.60
SA0746	Replacement Plastic Head	3.11
SA0747	Replacement Metal Head	12.45

WEATHERPROOF QUARTZ HALOGEN FIXTURES

- Adjustable tripod
- 500-watt bulbs included
- Colour: Yellow
- Extended height: 7'
- Certified for sale in Canada by an accredited certification body

Model No. XA007
Double Fixture
Price/Each \$69.29

Model No. XC464
Replacement bulb
Price/Each \$2.96



WOBBLELIGHT® SELF-RIGHTING WORK LIGHTS

Bright and dependable, the self righting *Wobblelight*® delivers maximum light output in a highly durable and portable package with no hot surfaces.

- Ideal anywhere temporary high-output lighting is needed, such as indoor and outdoor construction sites, manufacturing, plant maintenance, fire & rescue
- Floating shock system protects bulb from impact
- Counter-weighted self righting design
- 360° lighting out put adjustable to 180° with optional reflector
- Optional nylon reflector shield allows you to maintain 100% light source and focus it
- Internal ventilation system keeps light cool to the touch
- No set up – plugs into 120 VAC supply
- Available in 27" and 36" Heights
- Model **XC332** & **XC334** include receptacle for connecting units in a series
- Certified for sale in Canada by an accredited certification body



XC746



XC332



Model No.	Mfg. No.	Description	Light Output Lumens	Lighting Area	Price /Each
XC746	WL85F	85 W Fluorescent, 27" High	5000	20'	208.68
XC332	WL175MH	175 W Metal Halide, 36" High	15 000	30-42'	412.29
XC334	WL400MH	400 W Metal Halide, 36" High	40 000	78-110'	506.72

ACCESSORIES

Model No.	Mfg. No.	Description	Price/Each
XC747	WL62230	180° Arc Reflector Shield for XC746	26.50
XC335	WL52230	180° Arc Reflector Shield for XC332 & XC334	27.69
XC749	111810	Replacement Transparent Dome w/Cap for XC746	63.38
XC453	111801	Replacement Transparent Dome w/Cap for XC332 & XC334	73.05

REPLACEMENT BULBS

XC748	WL62260	Replacement Bulb for XC747	41.80
XB213	M175/U	Replacement Bulb for XC332	23.88
XC454	M400/U/ET18	Replacement Bulb for XC334	46.66

XC335

Arc Reflector Shield



DEFENDER® ECO UPLIGHTS

- Available in tripod or handheld
- Available in a two foot or four foot versions
- Tripod models have integrated and collapsible legs opening up to 30" diameter for exceptional stability
- Tripod base is collapsible and locking
- IP44 design for dust and water resistance
- 15-ft. power cord
- Adjustable nylon carrying strap
- Removable threaded hooks for hanging
- Portable models have non-slip rubber base for leaning against walls
- Portable models include accessory outlet for linking units together
- Low energy consumption
- Lamp life of 20 000 hours
- Removable reflector for 360° lighting
- Certified for sale in Canada by an accredited certification body



XC751



XC753



Model No.	Mfg No.	Description	Light Output Lumens	Lighting Area	Price /Each
XC750	E712505	Handheld, 18 W Fluorescent, 2' High	1300	5- 10'	172.90
XC751	E712500	Handheld, 36 W Fluorescent, 4' High	3250	10-15'	196.67
XC752	E712605	Tripod Base, 18 W Fluorescent, 2' High	1300	5- 10'	204.51
XC753	E712600	Tripod Base, 36 W Fluorescent, 4' High	3250	10-15'	235.62

HANG-A-LIGHT® WORK LIGHTS

The *Hang-A-Light*® is a high-output temporary lighting fixture that gives 360° light with low-cost operation. The integrated 6-foot power cord and spring-loaded, steel safety hook make for fast installations. The heavy gauge steel safety cage has an added bottom guard for protection and durability.

- Energy efficient 105 watt Fluorescent Bulb
- Self-Ballasted CFL Bulb, lightweight and flicker-free
- 8000 operating hours
- Lumens: 6900
- Lighting area: 20-30'
- Electrical receptacle, interconnect up to 8 units on a 120 V /15A service
- Utilizes Energy Efficient CFL
- UL, CUL Listed, EISA Compliant
- NEC/OSHA Compliant

Model No. **XC754**
Mfg No. 111105F
Price Each \$157.32

REPLACEMENT BULB

Model No. **XC755**
Mfg No. 111915
Price Each \$83.82



WORK LIGHTS

HANDS FREE LED LIGHTING SYSTEM

- Worn on the chest using a harness
- As bright as 2 fluorescent bulbs at 4 feet
- Water, dust and shock resistant
- Swiveling light head
- High quality anodized aluminum casing
- Intelligent dimmer switch
- 12 V DC or 110 V AC charger included
- Certified for sale in Canada by an accredited certification body

Provides a
wide 130° angle of
lighting coverage
over your work area



FLEXLITE



XC827



XC831



XC833

Model No.	Mfg. No.	Description	Price /Each
2 LED LIGHT SYSTEM			
XC827	FLX2L2H110Y	2 LED Harness with 110 V AC Charger	250.37
XC828	FLX2L2H12Y	2 LED Harness with 12 V DC Charger	250.37
XC829	FLX2L2H110RS	2 LED with Reflective Harness, Strobe Light & 110 V AC Charger	329.35
XC830	FLX2L2H12RS	2 LED with Reflective Harness, Strobe Light & 12 V DC Charger	329.35
3 LED LIGHT SYSTEM			
XC831	FLX3L4H110Y	3 LED Harness with 110V AC Charger	302.46
XC832	FLX3L4H12Y	3 LED Harness with 12V DC Charger	302.46
XC833	FLX3L4H110RS	3 LED with Reflective Harness, Strobe Light & 110 V AC Charger	381.44
XC834	FLX3L4H12RS	3 LED with Reflective Harness, Strobe Light & 12 V DC Charger	381.44
ACCESSORIES			
XC835	FLX-WMHC-12	Wall Mount Holder and Integrated Charger 110 V AC	108.58
XC836	FLX-WMHC-110	Wall Mount Holder and Integrated Charger 12 V DC	108.58
XC837	SA-FLBP2C	Replacement Battery for 2 LED	124.55
XC838	SA-FLBP2CLED	Replacement Battery for 2 LED with Strobe	124.55
XC839	SA-FLBP4C	Replacement Battery for 3 LED	167.52
XC840	SA-FLBP4CLED	Replacement Battery for 3 LED with Strobe	167.52

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& Electrical
requirements!





HAND-HELD FLOOD LIGHTS WITH CLAMP

- 500-watt weatherproof fixture
- 8', 16-gauge heavy-duty cord
- Comfortable foam grip
- Screw-type clamp mounts light anywhere you need it, including ladders or scaffolding
- Lights up to 5000 sq. ft.
- Certified for sale in Canada by an accredited certification body

Model No. XA143 Price/Each \$149.98

REPLACEMENT BULB

Model No. XC464 Price/Each \$2.96



HAND-HELD FLOOD LIGHTS WITH MAGNET

- 500-watt weatherproof fixture
- 8', 16-gauge heavy-duty cord
- Comfortable foam grip
- Powerful 40 lbs. pull strength magnet quickly attaches to metal surfaces
- Lights up to 5000 sq. ft.
- Certified for sale in Canada by an accredited certification body

Model No. XA145 Price/Each \$149.98

REPLACEMENT BULB

Model No. XC464 Price/Each \$2.96



INDUSTRIAL PORTABLE FLOOD LIGHTS

- 500-watt, weatherproof fixture
- 8', 16-gauge heavy-duty cord
- PVC coated solid steel base
- Comfortable foam grip
- Lights up to 5000 sq. ft.
- Certified for sale in Canada by an accredited certification body

Model No. XA638 Price/Each \$128.10

REPLACEMENT BULB

Model No. XC464 Price/Each \$2.96



XP300LED INTRINSICALLY SAFE RECHARGEABLE LED WORK LIGHTS

No need for long runs of cords or expensive explosion-proof plugs. The XP300LED is a rechargeable LED work light that is approved for Class 1 Division 1 Groups C&D locations giving you the freedom to work confidently in hazardous locations.

- Bulb: Three 3 W LEDs, rated for 50000 hours
- Lens: adjustable polycarbonate lens allows the light to go from work light beam to flood light beam
- Battery: 4.8 V NiMH lasts 7 hours on single charge.
- Construction: Rugged hard plastic handle, special polycarbonate lens (resistant to MEK and MPK), aluminum heat sinks, stainless steel hanging hook, soft bumpers to provide impact protection
- Length: 13" (with battery pack)
- Diameter: 4.5"
- Weight: 4.3 lbs. (with battery)
- Includes: Hanging hook, wrist strap and protective lens
- Approvals: cETLus approved for Class I, Division 1, Groups C & D



Model No. XC733 Price/Each \$808.38



REPLACEMENT BATTERY PACK

Model No. XC734 Price/Each \$375.55

CARRYING CASE

Model No. XC735 Price/Each \$76.38

PORTABLE HALOGEN WORK LIGHTS

- Quartz halogen fixture
- 500-watt bulb included
- Colour: Black and yellow
- Certified for sale in Canada by an accredited certification body

Model No. XA992 Price/Each \$30.10

REPLACEMENT BULB

Model No. XC464 Price/Each \$2.96



ENERGY EFFICIENT FLUORESCENT FLOODLIGHTS

- 65 W cool-running, energy efficient fluorescent floodlight
- Light output equivalent to 300 W incandescent but with much less energy use
- Aluminum frame, tempered glass lens
- Energy Star® certified

Model No. XC469 Price/Each \$119.03



WORK LIGHTS

INDUSTRIAL TROUBLE LIGHTS

- 75 watts
- Lightweight design
- Rugged impact resistant housing
- Grounded 25' cord
- On/Off switch handle
- **Includes:** Hanging hook and electric outlet
- Certified for sale in Canada by an accredited certification body

Model No. XC660

Price/Each \$29.75



INDUSTRIAL FLUORESCENT WORK LIGHTS

- Cool running fluorescent bulb included
- Shatter resistant polycarbonate lamp shield
- Includes: full length reflector, switch and hook
- Models **XB906**, **XB907** and **XB967** also have a magnet mount and outlet
- Certified for sale in Canada by an accredited certification body



LIND EQUIPMENT

Model No.	Description	Length"	Price /Each
COMPACT TWIN-TUBE			
XB906	13 W, 25' Cord, 16/3 SJT	13	56.68
XB907	13 W, 50' Cord, 16/3 SJT	13	78.91
XB967	26 W, 25' Cord, 16/3 SJT, Dual Twin-Tube	15	81.13
XA251	Replacement Bulb, Rough Service (for XB906 and XB907)	-	11.87
XC409	Replacement Bulb (for XB967)	-	7.62
LINEAR FLUORESCENT			
XB968	15 W, 25' cord, 18/2 SJT	26	70.02
XA572	Replacement Bulb, 24/case	-	127.85

RECHARGEABLE FLUORESCENT WORK LIGHTS

- Utilises a long lasting fluorescent bulb which delivers excellent light in a highly portable package
- 13 W cool operating • 900 lumens
- Rechargeable 7.2 V NiMH battery pack
- 90-minute run time with full charge
- Convenient rotating hanging hook
- Stands upright on its base
- Extra battery pack allows continuous use of the light while the other is charging (Model No. **XC419**)
- **Includes:** Battery pack, 120 V charging cradle and 12 V auto adaptor cord
- Certified for sale in Canada by an accredited certification body



LIND EQUIPMENT

Model No.	Description	Price/Each
XC418	13 W Rechargeable Fluorescent Work Light	123.35
XC419	Spare Battery Pack for XC418	43.57
XC470	Replacement Bulb for XC418	15.25

INDUSTRIAL WORK LIGHTS

INCANDESCENT WORK LIGHTS

- Grounded convenience outlet
- On/Off switch handle
- Models **XA175**, **XA918**, **XB987** and **XB988** feature a circuit breaker
- Models **XB987** and **XB988** feature a cord that stays flexible in cold temperature
- Certified for sale in Canada by an accredited certification body
- 100 watts

LIND EQUIPMENT

XA175



XB987



Model No.	Description	Price /Each
XA175	25' Cord, 14/3 SJTW, 15 A	54.36
XA918	50' Cord, 14/3 SJTW, 15 A	86.98
XB987	25' Cord, 16/3 SJTW, All Temperature, 13 A	40.88
XB988	50' Cord, 16/3 SJTW, All Temperature, 13 A	61.75
XB990	50' Cord, 16/3 SJT, 13 A	52.19
XB123	Replacement Bulb	2.36

VAPOUR-PROOF INCANDESCENT WORK LIGHTS

- Suitable for areas where water vapour is present
- Rated for a 100 W bulb
- Impact resistant glass globe and metal guard
- Oil resistant yellow rubber handle
- 16/3 SOOW cord
- Certified for sale in Canada by an accredited certification body

LIND EQUIPMENT

Note: Not submersible

Model No. XA270 25' cord **Price/Each \$355.86**

Model No. XA267 50' cord **Price/Each \$394.33**

Model No. XB123 Replacement bulb

Price/Each \$2.36

XA270



HEAVY-DUTY FLUORESCENT WORK LIGHTS

- Cool running and protected by a rugged, shatter resistant polycarbonate tube
- Includes an enclosed starter switch, rubber end caps, full-length reflector and hanging hook
- Moisture and dust resistant
- Yellow 18/2 SJTOW cord
- Certified for sale in Canada by an accredited certification body



LIND EQUIPMENT



Model No.	Description	Length"	Price /Each
TWIN-TUBE COMPACT			
XA146	13 W, 900 Lumens, 25' Cord	11	106.55
XB971	13 W, 900 Lumens, 50' Cord	11	132.42
XA251	Replacement Bulb, Rough Service	-	11.87
LINEAR TUBE			
XA149	15 W, 920 Lumens, 25' Cord	22	122.64
XB972	15 W, 920 Lumens, 50' Cord	22	154.39
XB973	25 W, 2200 Lumens, 25' Cord	46	263.11
XB974	25 W, 2200 Lumens, 50' Cord	46	298.99

VAPOUR-PROOF FLUORESCENT WORK LIGHTS

- Suitable for areas where water vapour is present
- Cool running 13 W fluorescent lamp outputs 900 lumens
- Ballast-in-the-handle design
- Shatter-resistant polycarbonate tube and rubber handle
- **Includes:** Switch, reflector, hook and 18/2 SJTOW cord
- 12.5" length
- Certified for sale in Canada by an accredited certification body



Note: Not submersible

Model No. XC330 25' cord **Price/Each \$124.00**

Model No. XC331 50' cord **Price/Each \$149.00**

Model No. XA251 Replacement Bulb, Rough Service **Price/Each \$11.87**

LIND EQUIPMENT

LED WORK LIGHTS

- Latest in LED technology brings bright, long-lasting and energy-efficient lighting to your toughest tasks
- Cool running, cold-temperature operable and highly energy efficient
- Bright white LED's provide extremely long lamp life (100 000 hours average)
- 50 LED, 15' 16/3 SJT cord, 13 A grounded outlet, removable magnet mount and dual hooks
- Includes: On/off switch, hanging hook and focused reflector
- Certified for sale in Canada by an accredited certification body

Model No. XC413
Price/Each \$115.25



LIND EQUIPMENT

RECHARGEABLE LED WORK LIGHTS

- Cool running, cold-temperature operable, and highly energy efficient
- Bright white LED's provide extremely long lamp life (100 000 hours avg)
- Dual-stage switch provides two brightness levels
- NiMH battery operates 3-4 hours on high, and 7-8 hours on low setting
- Includes: Low-battery indicator and charging cradle with battery monitor
- Certified for sale in Canada by an accredited certification body



LIND EQUIPMENT

Model No.	Description	Price/Each
XC417	48 LED Rechargeable Light with Carrying Case	126.03

HAZARDOUS LOCATION WORK LIGHTS

INCANDESCENT HAND LAMPS

- 100-W explosion proof light provides 1600 lumens of light output
- 16/3 SOOW cord with a non-explosion proof plug (explosion proof plug is also available)
- Approved for Class I Division I Group C and D hazardous locations
- Certified for sale in Canada by an accredited certification body

25' CORD
Model No. XA269
Price/Each \$576.93

50' CORD
Model No. XA103
Price/Each \$610.87



COMPACT FLUORESCENT HAND LAMPS

- Choice of either 13-W twin tube (900 lumens) or 26-W quad tube (1800 lumens) design
- Their minimal heat generation makes them ideal for use in confined, potentially explosive areas
- DuPont Zytel® outer construction is extremely rugged and leaves no exposed metal parts
- 16/3 SOOW cord with a non-explosion proof plug (explosion proof plug is also available)
- Approved for Class I Division 1 Group C and D and Class II Division 1 Group F and G hazardous locations
- Certified for sale in Canada by an accredited certification body



LIND EQUIPMENT

EXPLOSION PROOF FLOODLIGHTS

These portable hazardous location floodlights offer a bright light that can illuminate a wide area. The housings are constructed from non-sparking aluminum, are rain tight and suitable for wet locations and are listed for use in Marine environments (CSA type 4/ NEMA 4). Available either with a Metal Halide or Incandescent bulb.

Specifications:

Bulb: 150 W Incandescent PAR 38 or 70 W Metal Halide
Light Output: 5200 lumens
Cord: 16/3 SOW non-explosion proof plug
Dimensions: 13.25" W x 12.5" D x 15.9" H
Weight: 23 lbs. (less cable)
Approvals: CSA and UL approved for Class I Division 1 Group C and D areas. Class II Division 1 & 2 Groups F & G. Class 3

LIND EQUIPMENT



REPLACEMENT BULB

Model No. XB123
Price/Each \$2.36

LIND EQUIPMENT

Model No.	Description	Price/Each
XA139	13 W, 50' Cord	882.91
XA137	26 W, 25' Cord	952.16
XA136	26 W, 50' Cord	990.63

Model No.	Bulb Type	Cord Length'	Price/Each
XC727	150 W PAR 38	50	1703.76
XC728	150 W PAR 38	100	1756.27
XC635	70 W Metal Halide	100	2898.27
XC732	Replacement Bulb 150 W PAR 38		22.91
XB209	Replacement Bulb 70 W Metal Halide		40.40

RECHARGEABLE LED WORK LIGHTS

- 60, 90, and 160 super bright LED lights
- Lightweight design
- Rugged impact resistant housing
- 3-4 hour run time on full charge
- Includes: Hanging hook, powerful magnet, 110 V adaptor and 12 V car plug
- Certified for sale in Canada by an accredited certification body



XC233



XC661

RECHARGEABLE LED WORK LIGHTS

- 26 super bright LED lights
- 3-4 hour run time with full charge
- Includes: 110 V adaptor and 12 V car plug
- Certified for sale in Canada by an accredited certification body

Model No. XC663
Price/Each \$68.80



Model No.	No. of LED	Price/Each
XC233	60	103.00
XC661	90	115.00
XC662	160	130.00

WORK LIGHTS

HAND-WIND ELECTRIC CABLE REELS

- Provides a portable power centre for tools and equipment
- Frame is made from heavy-duty steel tubing, and features a contoured comfort grip
- Side discs are rolled to provide increased rigidity and strength
- Powder painted for a long-lasting, tough finish
- Equipped with four 120 V 15/20A T-slot receptacles and 120 V 15A plug
- LED illuminates to indicate that the reel is connected to power
- Resettable circuit breaker protects against overloads
- Receptacles are recessed for protection against impact and inadvertent contact
- Enclosed terminals at the centre of the reel hub prevent users from contacting live connections
- Dimensions: 17 1/2" L x 11 1/2" W x 18" H



LIND **E** EQUIPMENT

Model No.	Description	Price /Each
XC410	10" Pigtail, Ready for Winding Your Existing Extension Cord	220.06
XC411	Reel w/ 100' 12/3 S00W Cord w/ Plug	487.32
XC412	Reel w/ 50' 14/3 S00W Cord w/ Plug	350.09

LED WORK LIGHT REELS

- Reach your light to where you need it most, with 30 or 50 feet of cable
- 50 or 60 bright white LED's on lights last for an average of 100 000 hours
- Tough metal reel housing stands up to abuse
- Certified for sale in Canada by an accredited certification body



LIND **E** EQUIPMENT

Model No.	Description	Price/Each
XC414	30' of 16/3 SJTW Cord, 50-LED Work Light w/10 A Outlet	164.54
XC415	50' of 18/2 SVT cord, 60-LED Work Light	161.74

LE9000 SERIES HEAVY-DUTY CORD REELS

- Durable all-steel weatherproof construction, NEMA4 weatherproof rating
- Adjustable cable guide arm (12 positions)
- Strong ratchet can be disengaged for constant tension
- Adjustable ball stop
- 6' feeder cord
- Standard SJOW cable
- Approvals: CSA, UL



LIND **E** EQUIPMENT

Model No	Cord Length	Description	Rating	Price /Each
XC736	30	14/3 SJOW Incandescent Light	15 A	732.38
XC737	30	14/3 SJOW Quad-Box (5-15R)	15 A	665.17
XC738	30	12/3 SJOW Quad-Box (5-20R)	20 A	768.79
XC739	30	14/3 SJOW Single Outlet (5-15R)	15 A	732.38
XC740	30	12/3 SJOW Single Outlet (5-20R)	20 A	798.20
XC741	50	14/3 SJOW Incandescent Light	15 A	774.39
XC742	50	14/3 SJOW Quad-Box (5-15R)	15 A	728.18
XC743	50	12/3 SJOW Quad-Box (5-20R)	20 A	831.81
XC744	50	14/3 SJOW Single Outlet (5-15R)	15 A	758.99
XC745	50	12/3 SJOW Single Outlet (5-20R)	20 A	836.01

ZENITH®
Safety Products

We guarantee your safety!

Positive latching mechanism allows the cord to be extended to any length required and automatically held in place. An adjustable ball stop provides easy height adjustment. Hardware included for either ceiling or wall mount.

INDUSTRIAL CORD REELS

- Mounting bracket and hardware included provide secure wall or ceiling mounting
- A release tab on the mounting bracket quickly and easily converts the reel from stationary to portable use
- Large, comfortable carrying handle
- The non-metallic composite housing ensures a prolonged, corrosion-free service life
- Certified for sale in Canada by an accredited certification body



Incandescent Work Light



Fluorescent Work Light

Model No.	Cable Length'	Cable Type	Termination	Outlet Rating	Price /Each
DB978	40	12/3 SJTW	Triple Outlet	15 A, Breaker Protected	226.06
DB979	50	14/3 SJTW	Triple Outlet	13 A, Breaker Protected	226.06
DB980	50	14/3 SJTW	Incandescent Light	13 A, Breaker Protected	238.06
DB981	50	16/3 SJTW	26 W Fluorescent Light	9 A	270.07

INCANDESCENT WORK LIGHT REELS

- Incandescent work light is rated for a 75 W bulb
- Includes switch and circuit breaker protected outlet
- Grounded metal guard with reflector protects the bulb
- Certified for sale in Canada by an accredited certification body

Model No.	Description	Rating	Price /Each
XA640	20' 18/3 SVT Cord	6 A	55.21
XA155	30' 16/3 SJT Cord	9 A	105.03
XA921	50' 18/3 SVT Cord	6 A	105.03
XB122	Replacement Bulb		4.00



XA155



XA154

EXTENSION REELS

- Triple outlet extension reel accommodates three tools
- Circuit breaker protects against power overloads, which can cause electrical fires
- Certified for sale in Canada by an accredited certification body

Model No.	Description	Rating	Price /Each
XA154	30' 16/3 SJT Cord	10 A	102.03
XB281	30' 14/3 SJT Cord	13 A	118.03

FLUORESCENT WORK LIGHT REELS

- 13 W compact fluorescent work light is cool running
- Includes switch, hanging hook and full-length reflector
- Polycarbonate shield allows tool-free lamp replacement
- Light output is 900 lumens
- Certified for sale in Canada by an accredited certification body



Model No.	Description	Price /Each
XA289	40' 18/2 SJT Cord	107.23
XA412	30' 16/3 SJT Cord, 9 A Outlet in Light	119.03



XA289



CORD REELS

Spring retractable cord reels are available in 3 styles. Standard female receptacle, incandescent lamp and fluorescent lamp. Engineered for industrial use, these units are also compact, can be installed on walls, ceilings or under a tool bench.

Dimensions: 12 5/8" L x 7 1/2" W x 13 1/4" H.

All units feature 115 V SJO cord.

Certified for sale in Canada by an accredited certification body



XA173



XA172

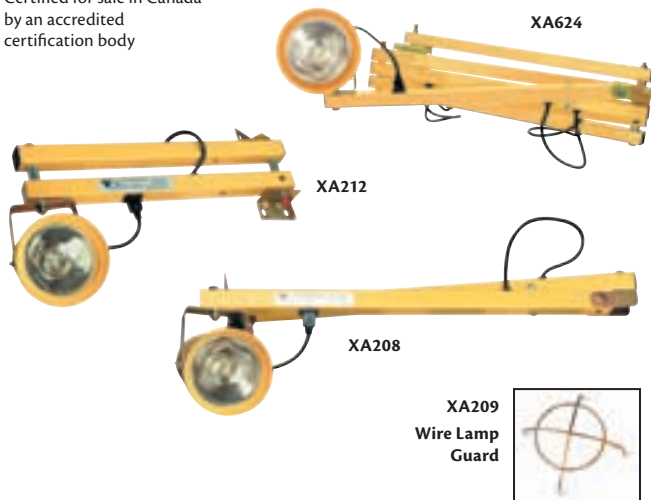


Model No.	Max. Amps.	Cord Length'	Gauge	Wt. lbs.	Price /Each
INCANDESCENT					
XA173	13	50	16/3	24	536.59
FLUORESCENT					
XA174	0.3	50	16/2	23	559.64
SINGLE OUTLET					
XA172	13	50	16/3	23	536.59

DOCK LIGHTING

DOCK LIGHTS

- The adjustable models allow flexible horizontal and vertical positioning
- 1 1/2", 14-gauge square steel tubing
- Two-piece wall bracket assures secure mounting
- Available with either metal head or with a "cool to the touch" polycarbonate head that will not dent or break
- Comes with wire lamp guard
- PAR-38 lamp not included
- Certified for sale in Canada by an accredited certification body



Model No.	Arm Length"	Head Type	Wt. lbs.	Price/Each
ADJUSTABLE SINGLE STRUT				
XA213	40	Metal	16	153.42
XA208	60	Metal	21	173.01
XC446	40	Polycarbonate	15	138.19
XC447	60	Polycarbonate	20	154.51
DOUBLE STRUT - HORIZONTAL POSITIONING ONLY				
XA212	24	Metal	16	158.86
XA211	40	Metal	18	171.92
XA214	60	Metal	23	190.41
XA349	90	Metal	35	324.25
XC448	24	Polycarbonate	15	141.45
XC449	40	Polycarbonate	17	153.42
XC450	60	Polycarbonate	22	170.83
XC451	90	Polycarbonate	34	293.78
ADJUSTABLE DOUBLE STRUT				
XA619	40	Metal	18	181.71
XA620	60	Metal	21	198.03
XA621	90	Metal	31	332.95
XA623	40	Polycarbonate	17	159.95
XA624	60	Polycarbonate	20	176.27
XA625	90	Polycarbonate	30	301.40

ACCESSORIES

Model No.	Description	Price/Each
XA209	Replacement Wire Guard for Metal Head	21.76
XC731	Replacement Wire Guard for Polycarbonate Head	20.67
XB235	Replacement PAR-38 Lamp	10.10
XC224	Replacement Metal Head	114.25
XC445	Replacement Polycarbonate Head	102.28

HPS DOCK LIGHTS

ENERGY SAVER!

- Double strut construction for horizontal positioning
- Polycarbonate head
- 1 1/2", 14-gauge square steel tubing
- 50 W high pressure sodium lamp and lamp guard included
- Offers a 63% energy savings over 150 W incandescent PAR floodlights
- Certified for sale in Canada by an accredited certification body



Model No.	Description	Wt. lbs.	Price /Each
XA615	Extends 24"	14	272.02
XA616	Extends 40"	17	282.90
XA617	Extends 60"	21	300.31
XA618	Extends 90"	29	399.33
ACCESSORIES			
XB205	50 W High Pressure Sodium Bulb	1	16.40

LED LOADING DOCK LIGHTS

- Heavy-duty series
- Ideal for use in food warehouses
- Rugged cast aluminum housing
- Voltage input: 100-240 VAC, 50/60 Hz, single phase
- Light head is completely sealed with a polycarbonate lens
- Light intensity exceeds a 300-watt incandescent bulb, while using only 18 watts
- Operating temperature: -20°F to 105°F
- Dedicated constant current IP66 LED driver rated for 100 000 hours of operation at 77°F
- Emits cool white light designed to show true colours
- On/off switch and strain relief located in the recessed back plate
- Rated for "Wet Locations" IP66, NEMA4
- Certified for sale in Canada by an accredited certification body
- 3-year warranty



Model No.	Arm Length"	Wt. lbs.	Price /Each
ADJUSTABLE SINGLE STRUT			
XC696	24	18	460.26
XC697	40	20	470.05
XC698	60	23	485.29
DOUBLE STRUT			
XC692	24	18	472.23
XC693	40	21	484.20
XC694	60	25	500.52
XC695	90	34	612.59
ADJUSTABLE DOUBLE STRUT			
XC699	40	26	490.73
XC700	60	36	507.05

HALOGEN DOCK LIGHTS

- 40" full extension
- Tempered glass lens with protective wire guard
- Light fixture can pivot up and down
- Includes two 500W quartz halogen bulbs
- Arm has spare bulb holder built in
- Suitable for wet areas
- On/Off toggle switch
- 6' cord with ground
- Certified for sale in Canada by an accredited certification body

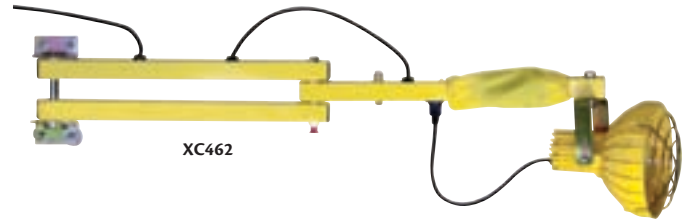


LIND  EQUIPMENT

Model No.	Arm Length"	Wt. lbs.	Price /Each
XA673	40	15	199.95

DOCK LOADING LIGHTS WITH FLEXIBLE ARM

- Rubber enclosed shock absorber allows arm to deflect if struck by doors or lift trucks
- Durable design and construction reduces maintenance costs
- Includes: Lamp cover
- Certified for sale in Canada by an accredited certification body



Model No.	Extended Arm Length"	Head Type	Wt. lbs.	Price /Each
XC455	40	Metal	17	240.47
XC461	60	Metal	21	256.79
XC462	40	Polycarbonate	16	225.23
XC463	60	Polycarbonate	20	241.55

LED DOCK LIGHTS

- Designed to light up the longest of trailers with no wasted light
- LEDs last over 50,000 hours with low heat emission
- Flexible arm allows for unlimited positioning
- Housing is made from durable polycarbonate polymer resistant to cold temperatures
- Low energy usage of 16 W
- Light output equivalent to a 150 W PAR28 bulb
- Dimensions: 42 1/2" L x 6" H
- Weight: 12 lbs.
- Certified for sale in Canada by an accredited certification body

Model No. XC756
Price/Each \$658.16

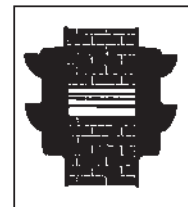
LIND  EQUIPMENT



LED STOP & GO LIGHTS

Loading Dock Stop & Go Light is a safety signaling device that alerts truck drivers and loading dock personnel to the safety status of docked or docking trucks.

- Simple, reliable and cost-effective warning system that reduces the risk of accidents around the loading dock
- Establishes a clear line of communication between drivers and dock personnel
- Safety yellow polypropylene housing will not rust, pit, dent or corrode
- Shallow depth of unit (less than most dock bumpers) prevents damage to the Stop & Go Light
- Integral eyebrow-type sun visors create extended visibility
- Mounting holes conform to standard building specifications
- Units can be used indoors or outdoors
- Dimensions: 6 3/8" W x 3 3/4" D x 11 3/8" H. Lens diameter: 4 1/4"
- Certified for sale in Canada by an accredited certification body
- Weight: 2 lbs. per single unit, 4 lbs. for the set



12 VDC	Model No. 24 VDC	115 VAC	Description	Price /Each
XC100	XC101	XC102	Stop & Go – w/o Flasher or Switch	176.67
XC103	XC104	XC105	Stop & Go – w/Flasher & Switch	221.44
XC106	XC107	XC108	Stop & Go – Set, Including One of Each of the Above	386.01

IDEAL FOR ANY
VEHICLE, INDICATING
HAZARDOUS AREAS
OR PLANT CONTROL

DOCK LIGHTING

TRAFFIC CONTROL SYSTEMS

The TCS 3000 Series outlines the docking area and makes backing up and spotting trailers easy. Safety is maintained through clear communication, while avoiding injury to personnel and costly damage to loading docks, equipment and buildings. The red and green LED lights are instantly understood as "Stop" and "Go", providing clear signals to dock attendants inside the building and truck drivers outside the building.



APPLICATIONS

- Control entry to parking garages, loading dock areas and drive-thru or any high traffic areas
- Guide trucks backing into loading docks
- Warn workers and drivers of hazardous situations

FEATURES

- LEDs provide up to 100 000 hours or 10 years of continuous use
- LEDs provide a high quality light with no glare
- Uses 30% less energy than conventional incandescent guide light units
- Recessed LEDs are shock, vibration and temperature proof, and produce no heat
- Service/maintenance free, no need to replace bulbs or lenses
- Will not rust, pit or corrode

SPECIFICATIONS

- Operating and storage temperatures range from -40°C to 85°C
- Embedded wiring on the back of the panel makes the lights moisture, water and weather resistant
- Each light fixture includes a 15' long wiring cable and requires 12 V or 24 V AC, 0.2 A
- 110 V
- Pre-drilled mounting holes provide easy installation
- Certified for sale in Canada by an accredited certification body

Model No.	Mfg. No.	Description	Price /Each
XC796	60-5412-U	Interior 12 V/24 V universal	247.63
XC797	60-5411-U	Exterior 12 V/24 V universal	250.69
XC798	60-5412-110	Interior 110 V/CSA	339.34
XC799	60-5411-110	Exterior 110 V/CSA	275.14

Note: When purchasing a system (inside/outside) for 110 V install, the interior model XC798 at 110 V is only required. This unit will accept the 24 V from exterior unit. As a system the outside MUST be 24 V, the only time one would need a 110 V outside is if they are plugging into another control box that outputs only 110 V.

TCS 3000 SURE-DOCK

- Using the Sure-Dock system truck drivers can safely center their truck and/or trailer between the Sure-Dock panels
- Panels sold individually

Model No.	Mfg. No.	Description	Price /Each
XC800	60-5414-U	Sure-Dock 12 V/24 V universal	250.69
XC801	60-5414-110	Sure-Dock 110 V	275.14



Sure-Dock

"Stop" and "Go" Light

See our selection of Dock Equipment on pages 194-206

For our complete line of Safety Signs see pages 928-939

STELLA EXIT SIGNS

- C860 approved
- All LED versions feature 120/347 VAC dual input (hardwire) and universal DC; 6 - 24 VDC
- Uses 1 W (Exit) or 2 W (Sortie)
- Long life LED light source, 20-year life
- Knockout chevrons
- 20-gauge steel construction with baked powder coat white paint finish
- Pre-stamped universal mounting and keyhole slots on backplate

Model No. XB930 Exit
Mfg. No. SLE-L-R-U-M
Price/Each \$80.60



Model No. XB933 Sortie
Mfg. No. SLS-L-R-U-M
Price/Each \$122.61

STELLA COMBINATION SIGNS

- C860 approved
- LED EXIT and SORTIE models 120/347 VAC dual input (hard wire)
- Push button test switch
- Self-powered for minimum 30 minutes -6 VDC 36 W
- Solid state transfer charger
- Dual diagnostic LEDs indicate AC-ON and CHARGE
- Brownout and low voltage protection
- Two top mounted high impact thermoplastic PAR18 9 W tungsten heads
- Knockout chevrons
- 20-gauge steel construction with baked powder coat white paint finish

Model No. XB929 Exit
Mfg. No. SLE-6-36-L-R-U-M-2SR/9W

Model No. XB932 Sortie
Mfg. No. SLS-6-36-L-R-U-M-2SR/9W
Price/Each \$162.36



REPLACEMENT BULB - 9 W TUNGSTEN

Model No. XB338
Mfg. No. LP104
Price/Each \$1.81

Beghelli

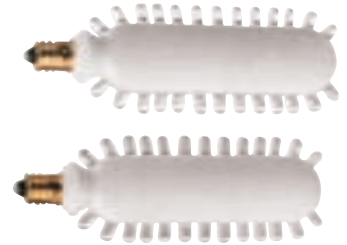


Beghelli

EXIT SIGN LED LAMP RETROFIT KITS

- Interchangeable bases: candelabra, intermediate and DCB bases standard with each lamp
- Ultra bright LED lamp for superior illumination
- Flat profile allows lamps to fit nearly every type of EXIT or SORTIE sign
- Optimized for 120 VAC input
- Only 1.4 W per lamp
- 25-year life expectancy
- Simply screw out existing EXIT lamps and screw in new LED lamps - up to 90% in energy savings over typical incandescent lamps
- Two lamps per pack

Model No. XB107
Mfg. No. REDLED-U-KIT/2
Price/Pack \$42.08



Beghelli

LUMINI-LED EXIT SIGN LED STRIPS

- For 120 VAC or 347 VAC applications
- 1.1 W
- Dimensions: 11 3/8" L x 1" W x 3/4" H
- 1-year warranty



Beghelli

Model No.	Description	Price /Each
XC459	Hardrive	40.19
XC460	Includes Candelabra, Intermediate, Medium and DC Bayonet Base	40.19

STI EXIT SIGN DAMAGE STOPPER®

- Super tough construction of 9-gauge coated steel wire
- Installation is fast and simple with anchors and screws provided
- Flexible mounting options with moveable mounting clamps
- Simple removal for light bulb replacement
- Tamper resistant hardware is available
- Lifetime guarantee against breakage in normal use
- Two sizes available
- Verify correct exit light requirements when using guard (NFPA 101)

SAN643



Note: Unit under wire guard not included



Model No.	Mfg. No.	Description	Dimension W" x D" x H"	Price /Each
SAN643	STI-9640	Damage Stopper®, Small	13.5 x 2.75 x 10.5	99.82
SAN644	STI-9740	Damage Stopper®, Large	20 x 6 x 15	145.11
SAN645	SUB-82	Tamper Screws, 2" Snake-Eyes, Set of 4	- - -	11.57
SAN646	19038	Tamper Bit for SAN645	- - -	14.55

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Instrument & Electrical requirements!

R28307E

OFFICE
PRODUCTS

INSTRUMENTS,
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METALWORKING

SAFETY
EQUIPMENT &
SUPPLIES

JANITORIAL &
MAINTENANCE

MATERIAL
HANDLING &
STORAGE

1555

EMERGENCY LIGHTS

NOVA EMERGENCY LIGHTING UNITS

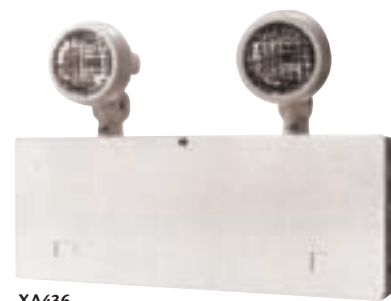
- 120/347 VAC dual input
- Push button test switch
- Dual diagnostic LEDs indicate AC-ON and CHARGE
- Solid state transfer charger
- Brownout and low voltage protection
- Two top mounted high impact thermoplastic PAR18 9 W tungsten heads
- 20-gauge steel construction with baked powder coat white paint finish
- Pre-stamped universal mounting and keyhole slots
- Output 6 VDC or 12 VDC at rated wattage for 30 minutes



Beghelli

Model No.	Mfg. No.	Replacement Batteries	Voltage Output	1/2 hr.	Watts Output 1 hr.	1 1/2 hr.	2 hr.	Price /Each
XA436	NV-618/2SR	XA604	6	18	9	-	-	109.83
XA190	NV-636/2SR	XA604	6	36	18	12	9	131.40
XA438	NV-650/2SR	XB921	6	50	25	17	12	157.68
XA439	NV-680/2SR	-	6	80	40	26	20	179.26
XA440*	NV1272/2SR	XA604	12	72	36	24	18	211.17
XA441	NV-12100/2SR	XB922	12	100	50	34	25	281.99
XA443*	NV12180/2SR	XB922	12	200	100	60	45	383.74
XA444	NV12250/2SR	XA606	12	250	125	83	62	423.25
XA445	NV12360/2SR	XA606	12	360	180	120	90	408.83

*Two battery packs required



REPLACEMENT BULB - 9 W TUNGSTEN

Model No. XB338

Mfg. No. LP104

Price/Each \$1.81

NEMA 4X EMERGENCY LIGHTING UNITS

- EEMAC4X rated - water and dust tight units
- 120/347 VAC dual input
- Grey polycarbonate construction
- Dual diagnostic LEDs indicate AC-ON and CHARGE
- Solid state transfer charger
- Brownout and low voltage protection
- Two top mounted, high impact thermoplastic PAR36 9 W tungsten weatherproof heads
- Output 6 VDC or 12 VDC at rated wattage for 30 minutes
- Push button test switch
- Pre-stamped mounting holes



Beghelli

Model No.	Mfg. No.	Replacement Batteries	Voltage	1/2 hr.	Watts Output 1 hr.	1 1/2 hr.	2 hr.	Price /Each
XB102	HDT-636/2LR	XA604	6 VDC	36	18	12	9	326.57
XB103	HDT-680/2LR	XA605	6 VDC	80	40	27	20	411.08
XB104*	HDT-1272/2LR	XA604	12 VDC	72	36	24	18	541.40

* Two battery packs required

REPLACEMENT BULB - 9 W TUNGSTEN

Model No. XB338

Mfg. No. LP104

Price/Each \$1.81



SEALED LEAD ACID BATTERIES

Beghelli

Model No.	Mfg. No.	Description	Price /Each
XA604	BA-6-5.0BB	6 V, 5 Ampere-Hour	21.21
XA605	BA-6-12.0BB	6 V, 12 Ampere-Hour	28.10
XA606	BA-12-32.0BB	12 V, 32 Ampere-Hour	181.91

Model No.	Mfg. No.	Description	Price /Each
XB921	BA-6-7.2BB	6 V, 7.2 Ampere-Hour	21.34
XB922	BA-12-7.2BB	12 V, 7.2 Ampere-Hour	45.60

EMERGENCY SECURITY LIGHTS

- 2 head plug-in fully rechargeable emergency light
- Turns on automatically when the power goes out
- Can operate for up to 2 hours when both lights are engaged (4 hours if one light is engaged)
- Choice of either shelf or wall mounting
- Certified for sale in Canada by an accredited certification body

Model No. XA456
Mfg. No. 32602
Price/Each \$50.20

REPLACEMENT BULB

Model No. XB339
Mfg. No. 88909
Price/Each \$2.50



ILLUMINA® BS100 SERIES EMERGENCY LIGHT

- Lightweight, durable 100% corrosion, flame and vandal resistant polycarbonate construction
- Designed to be resilient, highly efficient and easy to install
- For ceiling, wall, suspension and pendant installations
- UV stabilized to reduce the yellowing index
- Bonded anti-aging expanded polyurethane gasketing allows for installations in most damp and wet locations
- Incorporates a "dual concave" parabolic high-output, high-efficiency reflector
- Also approved for through wiring application
- Certified for sale in Canada by an accredited certification body



Model No.	Mfg. No.	Volts	Price /Each
XC441	BS10048T8232AC120V	120	126.62
XC442	BS10048T8232AC347V	347	143.70

ECLIPSE EMERGENCY LIGHTS

- Low profile design is fast and easy to install
- Unit is standard polycarbonate with white finish
- Two 7.2 W H.I.T. lamps provide even illumination
- Lamp position is interchangeable for forward or side illumination
- 120 V
- Automatically and instantly energizes lamp load upon failure of AC supply
- Pulse-guard charger fully recharges battery in 24 hours
- AC on LED and test switch provided
- Dimensions: 12 3/8" W x 2 3/4" D x 5" H
- Certified for sale in Canada by an accredited certification body



Model No.	Mfg. No.	Description	Price /Each
XA434	DECO636	Light	114.26
XA435	ECL-2-L	Light w/AC Line Cord	172.48

MOTION SENSOR SECURITY LIGHTS

- Pre-wired outdoor lighting comes with a motion sensor to discourage intruders
- Can be wall or ceiling mounted
- Hidden controls
- Electric photocell allows unit to function at night only
- Detection area: 80' L x 40' W
- 125 V
- Bulbs sold separately
- Certified for sale in Canada by an accredited certification body



Model No.	Mfg. No.	Description	Price /Each
XC366	79100	Brown	29.13
XA458	10522	White	29.13

REPLACEMENT BULB

Model No.	Mfg. No.	Description	Price /Each
XB134	14515	75W PAR 38 Flood Light	6.56

MINI LUX CUBE - SECURITY LIGHTS

- Compact wall-mount fixture
- Polycarbonate housing with die-cast aluminum base
- Medium base socket
- Ideal for applications such as perimeter and security lighting, parking areas, entrances, patios, walkways
- XA379 (50 W) and XA380 (70 W) come complete with photocell
- Overall dimensions: 11" L x 6 3/4" W x 5 1/4" D
- Includes bulb
- Certified for sale in Canada by an accredited certification body

Model No.	Watts	Volts	Lamp Type	Ballast Type	Price /Each
XA378	35	120	HPS	NPF Reactor	117.89
XA379	50	120	HPS	NPF Reactor	121.00
XA380	70	120	HPS	NPF Reactor	120.00

XA378



EMERGENCY LIGHTS

BAY MASTER 400 – OPEN HIGH BAY LIGHTS

- Ideal for use in warehouses, manufacturing facilities and distribution centres
- Anodised spun aluminum reflector
- Die-cast aluminum ballast housing
- Mogul base pulse-rated socket
- Adjustable bracket allows for field setting for desired distribution
- Includes: hook with locking screw, pre-wired 3-ft. cord and lamp



Model No.	Watts	Volts	Lamp Type	Ballast Type	Reflector Dia."	Mounting	Price /Each
XA492	400	120/277/347	Metal Halide	CWA	16	Hook /Cord	139.85
XB072	250	120/277/347	HPS	CWA	16	Hook /Cord	216.78
XA493	400	120/277/347	HPS	CWA	16	Hook /Cord	210.65

XA492



LOW BAY STAR – COMPACT LOW BAY LIGHTS

- White, 22" reflector offers a mixture of direct and indirect light in a wide, symmetrical beam
- UV stabilized acrylic drop lens
- Ballast housing is made of die-cast aluminum
- Mogul base pulse-rated socket
- Includes: hook with locking screw, pre-wired 3-ft. cord and lamp



Model No.	Watts	Volts	Lamp Type	Ballast Type	Reflector Dia."	Mounting	Price /Each
XB074	400	120/277/347	Metal Halide	CWA	22	Hook /Cord	359.49

XB073



HIGH PRESSURE SODIUM WALL PACKS

- HPS is energy efficient, lasts up to 12 times longer than incandescent floodlights
- Built-in light sensor automatically turns on at dusk and off at dawn
- High-impact injection-moulded polycarbonate housing
- Die-cast aluminum back plate
- Mounts on any vertical surface
- Bulb included

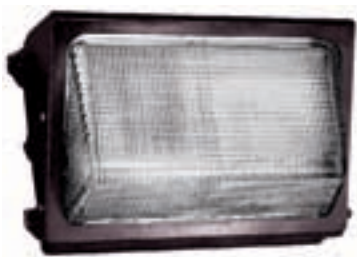
Model No.	Watts	Volts	Colour	Price /Each
XC578	70	120/240	Brown	80.36
XC579	70	120/240	White	80.36

XC578



LUX CUBE – WALLPACK SECURITY LIGHTS

- Die-cast aluminum wallpacks are moisture and dustproof
- Provides resistance to weather which results in increased longevity
- Face frame is hinged and secured to back box with 2 stainless steel screws
- Medium base (small) or mogul base (medium and large), pulse-rated socket



Model No.	Watts	Volts	Lamp Type	Ballast Type	Price /Each
SMALL OVERALL DIMENSIONS: 13" L x 9" W x 7 1/4" D					
XB076	70	120	HPS	NPF* Reactor	141.91
XB077	100	120	HPS	NPF* Reactor	141.91
XB086	175	120/277/347	Metal Halide	CWA	177.45
XB080	100	120/277/347	Metal Halide	CWA	191.15
MEDIUM OVERALL DIMENSIONS: 18" L x 9" W x 9 3/4" D					
XB085	250	120/277/347	HPS	CWA	306.63
XB087	250	120/277/347	Metal Halide	CWA	306.63
LARGE OVERALL DIMENSIONS: 18" L x 9" W x 12 3/4" D					
XB090	400	120/277/347	HPS	CWA	304.92
XB091	400	120/277/347	Metal Halide	CWA	313.96

* NPF = Normal Power Factor

MICRO ACE PLUS – COMPACT FLOODLIGHTS

- Versatile and economic light source for architectural, sign and landscape lighting
- Made of corrosion resistant die-cast aluminum in a bronze powder coat finish
- Tempered shock resistant glass
- Die-cast 1/2" threaded knuckle for aiming in any vertical degree
- Pin-hinged for easy lamp replacement
- Medium-base pulse-rated socket
- Dimensions: 9" L x 9" W x 8" D
- Includes lamp



Model No.	Watts	Volts	Lamp Type	Ballast Type	Price /Each
XA478	70	120	HPS	NPF Reactor	128.14
XA479	100	120	HPS	NPF Reactor	131.96
XA480	150	120	HPS	NPF Reactor	128.14
XB096	175	120/277/347	Metal Halide	CWA	183.81



TECHNICAL INFORMATION

EXTENSION CORD RATING DESIGNATIONS

Indented on each Prime® cord is a letter designation that defines the type and approved use of the cord. You will see that each Prime® extension cord carries one of the following designations.

PRIME®

PRIME® OUTDOOR VINYL EXTENSION CORDS

SJTW (UL) Water Resistant or c(UL) SJTW FT2

STW (UL) Water Resistant or c(UL) STW FT2

PRIME® ALL-WEATHER TPE- RUBBER EXTENSION CORDS

SJEOW (UL) Water Resistant or c(UL) SJEOW FT2

SEOW (UL) Water Resistant or c(UL) SEOW FT2

PRIME® RUBBER EXTENSION CORDS

SJ (UL) Water Resistant or c(UL) SJ FT2

SJO (UL) Water Resistant or c(UL) SJO FT2

SJOW (UL) Water Resistant or c(UL) SJOW FT2

SJTOW (UL) Water Resistant or c(UL) SJTOW FT2

SO (UL) Water Resistant or c(UL) SO FT2

SOO (UL) Water Resistant or c(UL) SOO FT2

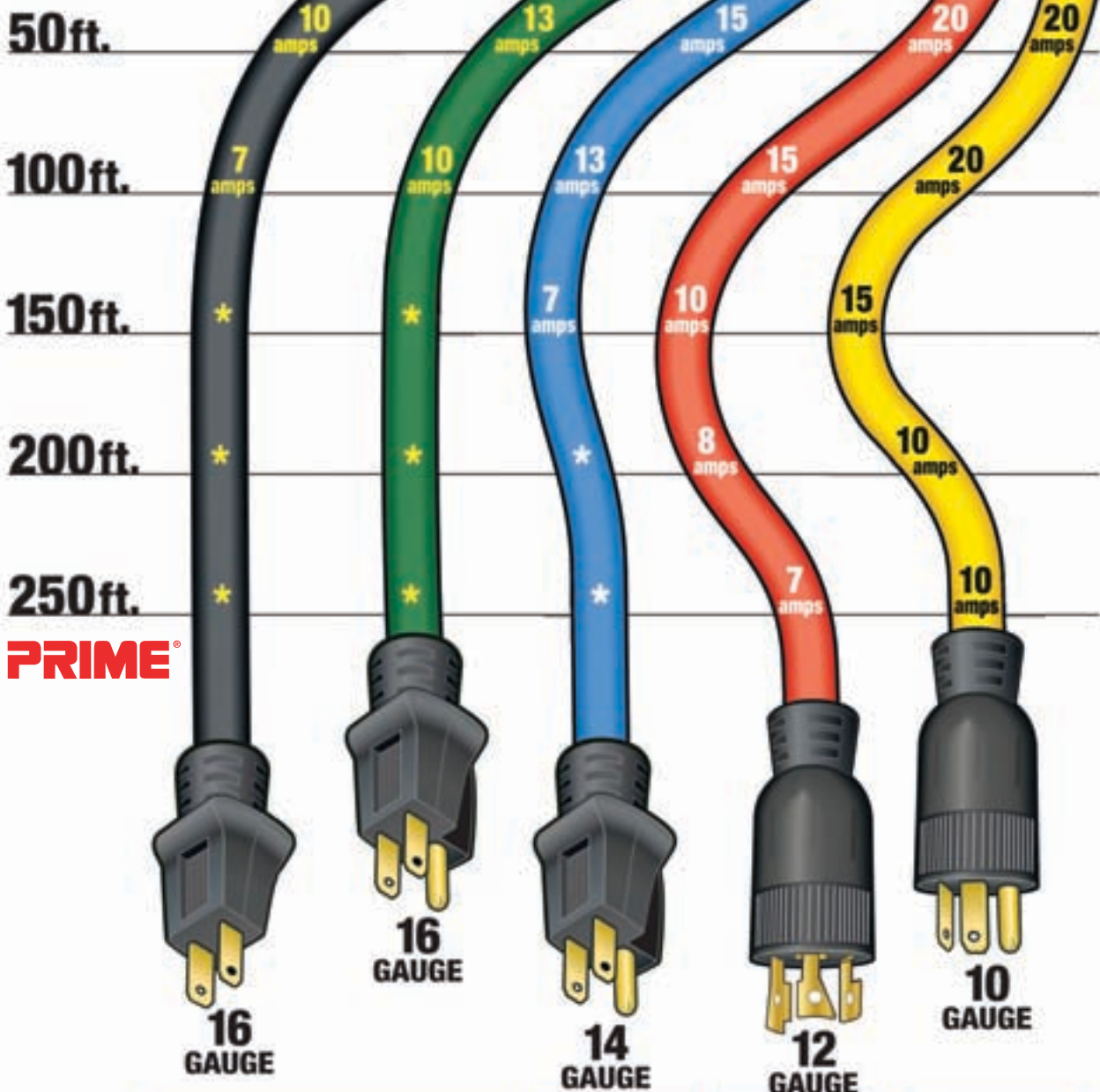
SOOW (UL) Water Resistant or c(UL) SOOW FT2

STOW (UL) Water Resistant or c(UL) STOW FT2

S -	The "S" at the beginning of all designations states that the cord is a "Hard Service" flexible cord for general use.
P -	Parallel construction, usually uninsulated and used in products such as household extension cords, air conditioner cords and low voltage landscape cable.
J -	The "J" after the "S" defines the jacket of the cord as being the standard 300 V insulation type currently used on most extension cords. The absence of the "J" defines the cord jacket as an extra hard service 600 V insulation type defined by Prime® as our "Double Jacket" cord because the outer cord jacket is roughly twice the thickness of the "J" jacket that is normally used in outdoor extension cords.
V -	Vacuum wire, softer and more flexible than standard "SJT", usually found on retractable cord reels and vacuum cleaner power supply and cords because it holds up to constant winding and unwinding but still maintains its shape.
T or E -	This letter defines the material the insulation and jacket are made from. "T" defines the insulating material as PVC (vinyl) thermoplastic. The letter "E" defines the insulation and jacket material as TPE-thermoplastic elastomer rubber.
O -	The letter "O" defines the cord as being "Oil Resistant". This was especially designed because most rubber type cords would break down and lose insulating performance when exposed to oil or grease.
W -	This letter designates that the cord has been rated for outdoor use. As part of this rating, the different insulation and jacket compounds must meet the following use temperature ranges. UL sets a use temperature range of the "T" PVC vinyl material at -31°F to +140°F (-35°C to +60°C). Prime® has formulated the PVC vinyl compound in our products to exceed this nominal range by approximately 5°F. UL sets a use temperature range of the "E" TPE-rubber material at -58°F to +221°F (-50°C to +105°C). Prime® has also exceeded this range by approximately 12°F.
(UL) -	This defines the cord as being "Underwriters Laboratories" listed. UL allows the use of the logo in parenthesis rather than a complete circle on round product, like a cord.
Water Resistant -	Most of Prime®'s outdoor cords are now made with water resistant material. Standard vinyl and TPE-rubber cords have a tendency to absorb water if left lying in a puddle on the job site. When water comes in contact with the copper wire, it starts to corrode. If the water remains in the cord, it could build up until a shock path is created. When water gets in a cord, its life is shortened.
CSA -	Defines the product as meeting "Canadian Standards Association" requirements. The CSA logo is usually not abbreviated.
C(UL) & C CSA US -	Since the NAFTA agreement with Canada, UL and the Canadian Standards Association, CSA, have worked together to allow CSA to list products for the USA and for UL to list products for use in Canada. The c(UL) designation says the product was tested and certified by UL to Canadian Standards and the c CSA us mark signifies that CSA tested the product and certifies it to the UL Standards.
FT2 -	This letter group defines the product as being flame retardant. If a standard vinyl or TPE-rubber cord catches on fire, the flame can quickly burn the entire length of the cord. The Prime® jacket insulation material will prevent the spread of combustion along the cord. The cord will extinguish the flame within 30 seconds of the heat source being removed.
CL2 -	Or "Class 2" is a UL rating for wire that can be used for in-wall construction. Usually applies to communication cable or speaker wire.
SRDT -	Is heavy-duty wire made specifically for use with higher amperage equipment such as ranges, dryers and mobile home power hook-up cords. Not very flexible.
HPN -	Is high-heat parallel neoprene wire made specifically for use with clothes irons, portable heaters and other such applications where high temperatures of the appliance could affect the power cord's performance.



Cord Gauge vs Amperage



TYPICAL USAGE GUIDE	MEDIUM DUTY		HEAVY DUTY	EXTRA HEAVY DUTY	ULTRA HEAVY DUTY
	Fans	Lawnmowers	Drills	Circular Saws	Generators
	Small Appliances	Hedge Trimmers	Belt Sanders	Chain Saws	Recipro Saws
	Stereos	Space Heaters	Routers	Worm Drives	Rotary Hammers
	Household Tools	Jig Saws	Table Saws	Grinders	Compressors

*Not recommended for use at this length

EXTENSION CORDS & OUTLETS

OUTDOOR VINYL EXTENSION CORDS

- Designed for industrial and contractor use
- Vinyl jacket protects against rough use, chemicals, and moisture and provides added flexibility
- Molded-on and bonded plugs and connectors resist breaking

3-CONDUCTOR SJTW, 300 V GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
HEAVY-DUTY						
XC482	25	14/3	15	1875	Orange	33.80
XC483	50	14/3	15	1875	Orange	49.45
XC484	100	14/3	13	1625	Orange	88.25
EXTRA HEAVY-DUTY						
XC485	25	12/3	15	1875	Yellow	37.50
XC486	50	12/3	15	1875	Yellow	67.25
XC487	100	12/3	15	1875	Yellow	124.00



XC485

OUTDOOR VINYL TRIPLE TAP EXTENSION CORDS

- Designed for industrial and contractor use
- Vinyl jacket protects against rough use, chemicals, and moisture
- Vinyl jacket provides added flexibility
- Molded-on and bonded plugs and connectors resist breaking

3-CONDUCTOR SJTW, 300 V GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
HEAVY-DUTY						
XC488	25	14/3	15	1875	Red	43.25
XC489	50	14/3	15	1875	Red	71.95
XC490	100	14/3	13	1625	Red	110.00
EXTRA HEAVY-DUTY						
XC491	25	12/3	15	1875	Red	48.10
XC492	50	12/3	15	1625	Red	74.20
XC493	100	12/3	15	1625	Red	118.00



XC491

OUTDOOR VINYL TRIPLE TAP EXTENSION CORDS

- Designed for use by contractors and industrial personnel
- Nuflex-2™ jacket protects against rough use, chemicals, moisture, ozone and gives added flexibility at below freezing temperatures
- Molded-on and bonded vinyl plugs and connectors resist breaking or pulling off cord
- XA719, XA720, XA721 are No Overload® circuit breaker extension cords

3-CONDUCTOR SJTW, 300 V GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Qty /Case	Price /Each
HEAVY-DUTY							
XA719	25	14/3	15	1875	Red	12	41.94
XA720	50	14/3	15	1875	Red	6	71.80
XA721	100	14/3	13	1625	Red	4	130.52
EXTRA HEAVY-DUTY							
XA722	25	12/3	15	1875	Yellow	12	53.68
XA723	50	12/3	15	1875	Yellow	6	98.24
XA724	100	12/3	15	1875	Yellow	4	160.33



NEMA 5-15P

XA719



NEMA 5-15R

GLACIER FLEX™ 3-OUTLET ENGINE BLOCK HEATER CORD

- 3 conductors, SJTW, 300 V grounding
- Water-resistant
- Flame retardant
- Ultra flexible
- Nickel-coated brass blades resist corrosion
- Temperature range from -58°F to +140°F
- Primelight® indicator light flashes blue and red when power is on



XC730

Model No.	Length'	AWG	Amps	Watts	Qty /Case	Price /Each
XC730	15	16/3	13	1625	12	19.98

R32771E

OFFICE
PRODUCTS

INSTRUMENTS,
SCALES &
ELECTRICAL

SHIPPING &
PACKAGING

TOOLS &
EQUIPMENT

WELDING &
METALWORKING

SAFETY
EQUIPMENT &
SUPPLIES

JANITORIAL &
MAINTENANCE

MATERIAL
HANDLING &
STORAGE

1561

EXTENSION CORDS & OUTLETS

ALL WEATHER TPE-RUBBER EXTENSION CORDS WITH LIGHT INDICATOR

- Designed for industrial and contractor use
- All-weather jacket provides ultra flexibility and superior performance in extreme climate conditions at temperatures from -50°C to 105°C
- Provides outstanding resistance against rough use, sunlight, chemicals and moisture
- Water-resistant and flame retardant
- Lighted connectors allow you to see when the power is in use
- Molded-on and bonded plugs and connectors resist breaking



aurora tools®

3-CONDUCTOR SJEOW, 300 V GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
HEAVY-DUTY						
XC500	25	14/3	15	1875	Blue/Orange	36.00
XC501	50	14/3	15	1875	Blue/Orange	59.95
XC502	100	14/3	15	1625	Blue/Orange	110.00
EXTRA HEAVY-DUTY						
XC503	25	12/3	15	1875	Blue/Orange	52.40
XC504	50	12/3	15	1875	Blue/Orange	76.45
XC505	100	12/3	15	1875	Blue/Orange	140.00



XC500

ARCTIC BLUE™ ALL-WEATHER TPE-RUBBER LITE END EXTENSION CORDS

- Prime-Flex2™ cords are designed for use by contractors and industrial personnel, providing an all weather cordset made for outstanding performance in extreme climate conditions at temperatures from -58°F to 221°F
- One-third lighter than ordinary cords
- Provides superior resistance to sunlight, ozone, cracking, oils and chemicals and are outstanding in resistance to abuse, rough handling and wear
- Flame retardant and water resistant
- Distinctive orange stripe extruded into the cord
- Distinctive orange stripe extruded into the cord
- Prime Lok™ keeps connections from coming loose due to vibrations
- Lighted connector allows you to see the power is on



PRIME®

3-CONDUCTOR SJEOW, 300 V GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Qty /Case	Price /Each
HEAVY-DUTY							
XB894	25	14/3	15	1875	Blue/Orange	12	34.90
XB895	50	14/3	15	1875	Blue/Orange	6	64.64
XB896	100	14/3	13	1625	Blue/Orange	4	108.84
EXTRA HEAVY-DUTY							
XB897	25	12/3	15	1875	Blue/Orange	12	45.67
XB898	50	12/3	15	1875	Blue/Orange	6	77.86
XB899	100	12/3	15	1875	Blue/Orange	4	149.12



XB895



NEMA
5-15P



NEMA
5-15R

ARCTIC BLUE™ ALL-WEATHER TRIPLE TAP TPE-RUBBER LITE END EXTENSION CORDS

- Prime-Flex2™ cords are designed for use by contractors and industrial personnel
- All weather cordset made for outstanding performance in extreme climate conditions at temperatures from -58°F to 221°F
- Superior resistance to ozone, oils, chemicals and rough handling
- Flame retardant and water resistant



PRIME®

3-CONDUCTOR SJEOW, 300 V GROUNDING

Model No.	Length'	AWG	AMPS	Watts	Colour	Qty /Case	Price /Each
EXTRA HEAVY-DUTY							
XB902	25	12/3	15	1875	Blue/Orange	12	54.79
XB903	50	12/3	15	1875	Blue/Orange	6	103.52
XB904	100	12/3	15	1875	Blue/Orange	4	168.23



XB904



NEMA
5-15R



NEMA
5-15P

EXTENSION CORDS & OUTLETS

OUTDOOR VINYL EXTENSION CORDS WITH LIGHT INDICATOR

- Designed for industrial and contractor use
- Vinyl jacket protects against rough use, chemicals, and moisture
- Ultra flexible cord
- Lighted connectors allow you to see when the power is in use
- Molded-on and bonded plugs and connectors resist breaking
- Water-resistant and flame retardant



aurora tools®

3-CONDUCTOR SJTOW, 300 V GROUNDING, OIL RESISTANT

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
EXTRA HEAVY-DUTY						
XC494	25	12/3	15	1875	Yellow	46.10
XC495	50	12/3	15	1875	Yellow	78.95
XC496	100	12/3	15	1875	Yellow	132.00



XC494

OUTDOOR TRIPLE TAP VINYL EXTENSION CORDS WITH LIGHT INDICATOR

- Same great features as outdoor single tap vinyl extension cords but with a lighted triple tap connector



aurora tools®

3-CONDUCTOR SJTOW, 300 V GROUNDING, OIL RESISTANT

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
EXTRA HEAVY-DUTY						
XC497	25	12/3	15	1875	Yellow	54.30
XC498	50	12/3	15	1875	Yellow	80.40
XC499	100	12/3	15	1875	Yellow	140.00



XC497

INDOOR/OUTDOOR STANDARD-DUTY EXTENSION CORDS

- Designed for light industrial, contractor, and home use
- Durable SJTW jacket protects against ultraviolet rays, chemicals and moisture
- Extremely flexible jacket
- Molded-on and bonded plugs and connectors resist breaking



aurora tools®

3-CONDUCTOR SJTW, 125 V GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
XC630	10	16/3	13	1625	Orange	10.75
XC631	15	16/3	13	1625	Orange	14.70
XC632	25	16/3	13	1625	Orange	20.80
XC633	50	16/3	13	1625	Orange	42.45



XC630

7000WR PRO-REEL™ CORD CARRIERS

- Stores up to 100' of 14/3 extension cord
- Made of heavy-duty, high impact plastic for durability
- Mounts on wall (bracket and template included)

Model No. XA761
Price/Each \$53.77

LIND EQUIPMENT



6000-25G WIND-UP EXTENSION CORDS

- Rated for 10 A, 125 V
- 25' 16/3 SJT cable
- Includes 4-grounded outlets, circuit breaker and carrying handle

Model No. XC011
Price/Each \$44.69

LIND EQUIPMENT



CORD CADDIES

- 25' cord reel with four outlets
- 16/3 SJT cable
- 12 A, 1500 W

Model No. XC615
Price/Each \$33.01

PRIME®



EXTENSION CORDS & OUTLETS

NEON FLEX™ HIGH VISIBILITY FLUORESCENT COLOUR OUTDOOR LITE END EXTENSION CORDS

- Combine all the features of a standard vinyl outdoor extension cord with ultra-high-visibility fluorescent colours
- Brighter than other coloured cords and also extremely shiny
- Flame retardant and water-resistant
- Lighted connector allows you to see when the power is on
- Ultra flexible, contractor tough



3-CONDUCTOR SJTW, 300 V GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Qty /Case	Price /Each
EXTRA HEAVY-DUTY							
XB890	50	12/3	15	1875	Neon Green	6	83.63
XB891	100	12/3	15	1875	Neon Green	4	146.28
XB892	50	12/3	15	1875	Neon Pink	6	83.63
XB893	100	12/3	15	1875	Neon Pink	4	146.28



XB891



NEMA 5-15P



NEMA 5-15R

THE PRO-TEC-TOR™ CIRCUIT BREAKER EXTENSION CORD

- The only extension cord with a circuit breaker that can be reset right at the outlet end
- Protects cordset from equipment overload, which can cause electrical fires
- Safety yellow SJTW cord
- Certified for sale in Canada by an accredited certification body



Model No.	Description	Wire Ga./Cond.	Voltage	Cord Length'	Rating Amps	Price /Each
HEAVY-DUTY						
XA073	Single Outlet	14/3	125	50	15	62.78
XB983	Triple Outlet	14/3	125	6	15	20.01
XA054	Triple Outlet	14/3	125	25	15	38.52
XA059	Triple Outlet	14/3	125	50	15	62.57
CONTRACTOR-DUTY						
XC057	Triple Outlet	12/3	125	25	15	53.20
XA055	Triple Outlet	12/3	125	50	15	88.32
XA056	Triple Outlet	12/3	125	100	15	146.85



XA055

XA073

HEAVY-DUTY NEOPRENE EXTENSION CORDS

- Designed to provide longer life in the most demanding environments, such as industrial, mining, and construction sites
- Made of heavy-duty rubber suitable for indoor and outdoor applications requiring flexibility and mechanical toughness
- Exceptional resistance to oil, moisture, ozone, sunlight, chemicals, cuts, cracking, and abrasions
- Stays flexible, even at -40°F (-40°C) and resists heated objects and oils up to 194°F (90°C)
- 600 V SOOW cable has oil-resistant double-thick outer jacket and oil-resistant inner insulation
- Includes rugged nylon plug and connector rated for 125 V 15 A (NEMA 5-15)
- Certified for sale in Canada by an accredited certification body



Model No.	Length'	Gauge	Price /Each
XA071	25	16/3	76.72
XA260	50	16/3	105.35
XA255	100	16/3	171.92
XA253	25	14/3	98.75
XA254	50	14/3	154.93
XA252	100	14/3	256.98



XA254

GFCI's are complex devices that save lives and protect equipment every day in tough work environments. Whether it is due to water or damaged equipment and cords, ground faults can occur quickly and, if not resolved immediately, can result in severe injury or electrocution.

A GFCI, by standards definition, must trip the circuit if a ground fault occurs with a maximum of 6 mA of current loss to ground. If a ground fault is sensed, a Class A GFCI will trip in less than 25 ms, protecting you and your workers.

Rule 76-016 of the Canadian Electrical Code (2006 and 2009) states that, on demolition and construction projects, all 15 A and 20 A temporary receptacles (e.g. extension cords) MUST be protected with a Class A type GFCI.

Many provinces also require that ALL receptacles used to power portable tools and equipment MUST be protected with a Class A GFCI.

GFCI PROTECTED TRI-CORDS

- Features three NEMA 5-15R receptacles at the end of a heavy-duty molded T-head
- Perfect for outdoor, rugged, construction type environments
- 2' 12/3 SJTW cord
- 120 V/15 A
- Available with right angle plug (XA468) or with in-line plug (XC519)
- Certified for sale in Canada by an accredited certification body

Model No. XA468
Price/Each \$75.98

Model No. XC519
Price/Each \$75.98



GFCI DOUBLE OUTLET BOX

- Two GFCI protected NEMA 5-15R outlets enclosed in an impact resistant case
- Spring-loaded cover protects the duplex outlet
- 6' 12/3 SJTW cord
- 120 V/15 A
- Certified for sale in Canada by an accredited certification body

Model No. XA237
Price/Each \$101.98



PLUG & CORD SETS

- Ideal for use with any equipment used in or around wet areas
- Rainproof rated with booted test and reset buttons
- 9' 14/3 SJTW cord
- NEMA 5-15 P & R, 120 V/15 A
- Certified for sale in Canada by an accredited certification body

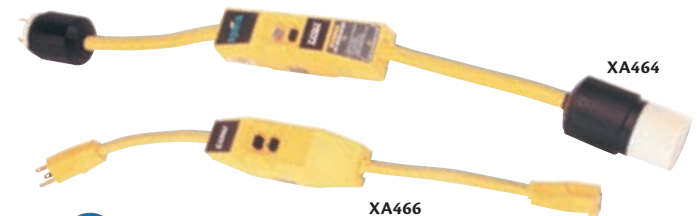
Model No. XA463
Price/Each \$62.57



IN-LINE GFCI CORD SETS

- Excellent for use with high pressure washers, power drain snakes, submersible pumps and any equipment used in or around wet areas
- Rainproof rated with booted test and reset buttons
- Standard 14' length (other lengths available upon request)
- Certified for sale in Canada by an accredited certification body

NOTE: XA466 includes 120 V/20 A straight blade ends
XA464 includes 120 V/30 A twist-lock ends



GFCI QUAD OUTLET BOXES

- Four GFCI protected NEMA 5-15R outlets enclosed in an impact resistant polymer case with spring-loaded covers
- 15 A "fast breaker" is built into the box for convenient reset should an overload condition occur
- 6' 12/3 SJTW cord
- 120 V/15 A
- Certified for sale in Canada by an accredited certification body

Model No. XA467
Price/Each \$166.49



GFCI INLINE SHOCKSAFE® PROTECTORS

- Triple lighted tap
- 3' 12/3 SJTW cord
- 125 V/15A

Model No. XC614
Price/Each \$61.22



EXTENSION CORDS & OUTLETS

GFCI OUTLET ADAPTORS W/SURGE PROTECTION

- Small size (less than 2" W x 3" H) makes them ideal for the toolbox
- **XB069** includes booted test and reset buttons
- **XA460** includes reset button only
- NEMA 5-15 P & R, 120 V/15 A
- Certified for sale in Canada by an accredited certification body

Model No. XA460 White
Price/Each \$35.77

Model No. XB069 Yellow
Price/Each \$39.58



XB069



XA460

USER ATTACHABLE GFCI PLUGS

- Replaces any standard NEMA 5-15 P plug on cords between 12-18 AWG (SJT)
- For use where the GFCI is needed as a permanent part of the tool or appliance
- Rainproof rated with booted test and reset buttons
- NEMA 5-15 P, 120 V/15 A
- Certified for sale in Canada by an accredited certification body

Model No. XA462
Price/Each \$60.88



USER ATTACHABLE INLINE GFCI

- Easily wires onto cord between 12-18 AWG (SJT)
- Can be placed at any location on the cord set
- Rated for up to 20 amps to allow for use on equipment that operates on either a 15 A or 20 A circuit
- For use where the GFCI is needed as a permanent part of the tool or appliance
- Rainproof rated with booted test and reset buttons
- 120 V/20 A
- Certified for sale in Canada by an accredited certification body

Model No. XB070
Price/Each \$83.93



LIND EQUIPMENT

FIRE SHIELD™ - THE WORLD'S SAFEST SURGE STRIPS

- The only power strips that provide surge, overload, cord fire, and ground fault protection
- Braided shielding surrounds the conductors and allows the plug-mounted electronics to monitor for insulation and conductor breakdown
- Protects people and equipment from ground faults of 4 - 6 mA or higher by interrupting the power in less than 25 milliseconds
- Lighted switch features a built-in circuit breaker
- All models include 14/3 cable and are rated for 125 V/15 A 50/60 Hz
- Certified for sale in Canada by an accredited certification body



XA461



XB343

LIND EQUIPMENT

3-FUNCTION CIRCUIT, GFCI, & POWER QUALITY TESTERS

- Wiring analyzer works with standard and GFCI outlets to indicate line, neutral, and ground wiring integrity
- GFCI tester checks both the high and low ground fault trip threshold to ensure safe GFCI functioning without nuisance tripping
- Power quality monitor identifies excessive voltage drop

Model No. XB071
Price/Each \$38.90

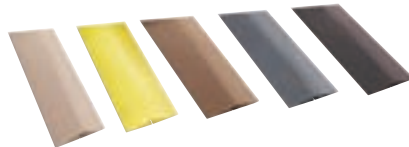


LIND EQUIPMENT

Model No.	Outlets	Cord Length'	Phone/Fax/Modem	Cable /Coax	Joule Rating	Connected Equipment Warranty	Price /Each
XA461	6	3	No	No	750	\$5 000	43.84
XB343	5 + 3 transformer	6	1 in / 1 out	1 in / 1 out	1800	\$25 000	90.72

FLOORTRAKS®

- Ideal for cables that run over the floor where portable cords and cables cannot be concealed
- Flexible, non metallic cover
- Protects, organizes and reduces trip hazards
- Available in three different sizes
- Handles cables up to 1.25" (31.8 mm) in diameter



DIMENSIONS OF FLOORTRAKS®

Floortrak®	2	3	4
Width	2.75"	3.00"	3.25"
Height	0.53"	0.75"	1.10"
Ctr. Hole	0.60" x 0.31"	0.75" x 0.50"	1.21" x 0.75"



Black	Brown	Beige	Grey	Yellow	Description	Length'	Price /Each
XA042	XA038	XA005	XA001	XA039	Floortrak® 2	10	30.65
XA009	XA041	XA040	XA006	XA245	Floortrak® 3	5	23.03
XA043	-	-	-	XA046	Floortrak® 4	5	28.49

INDUSTRIAL CORD COVERS

- Protect your cables from foot and vehicular traffic
- Constructed from non-conductive vulcanized rubber
- Suitable for indoor and outdoor use
- Withstands car and light truck traffic up to 5000 lbs./axle
- Stronger and longer lasting than PVC covers
- Excellent in temperatures from -40°C to 150°C
- Colour: Black with yellow safety stripe



LIND EQUIPMENT

Description	Overall Dimensions W" x H"	Channel Width"	Channel Height"	Model No.	Price /Each	Model No.	Price /Each
1 Channel	3 1/4 x 3/4	3/4	1/2	KH907	60.82	KH908	121.63
1 Channel	3 x 1	1	3/4	KH909	60.35	KH910	136.03
2 Channels	5 1/2 x 1 1/8	7/8	3/4	KH911	202.05	KH912	404.10
1 Channel	6 x 17/8	1 1/2	1 1/2	KH913	336.08	-	-

EXTENSION CORDS & OUTLETS

750 JOULES 6-OUTLET SURGE PROTECTORS

- Provides extra power for home electronics
- Features high energy joule rating
- Safe Power™ auto shut-off safeguard
- \$100 000 connected equipment warranty
- White

Model No. XC299
Price/Each \$10.96

PRIME®



SURGE PROTECTOR POWER BARS

- 6 outlets
- 125 V / 15 A, 1875 W
- 400 Joules
- Auto shut-off safeguard
- \$100 000 connected equipment warranty

Model No. XC616
Price/Each \$10.36

PRIME®



ROTATING SURGE TAPS

- 6 protected grounded rotating outlets
- 2160 Joules, 15 A / 125 V
- Auto shut-off safeguard
- \$300 000 connected equipment warranty

Model No. XC621
Price/Each \$31.36

PRIME®



LIGHT-DUTY SURGE SUPPRESSORS

- Power rating: 125 V AC, 15 A, 1875 W, 60 Hz
- Maximum spike energy dissipation: 90 Joules
- Clamping voltage: 330 V AC (UL 1449)
- Maximum surge voltage: 6000 V
- Maximum spike current: 4500 A
- Clamping response time: 1 n.sec.
- Lighted switch with built-in circuit breaker
- 36", 14/3 heavy-duty cord with molded grounded plug
- Durable textured case
- 6 grounded outlets

Model No. XA088
Price/Each \$8.33

globe.



4', 12-OUTLET POWER BARS

- Provides extra power for home electronics
- 6', 14/3 extension cord
- Lighted on/off circuit breaker
- Mounting hardware included
- 5-year warranty

Model No. XC291
Price/Each \$46.71

PRIME®



AIR CONDITIONER & MAJOR APPLIANCES EXTENSION CORDS

- Molded-on bonded vinyl plugs and connectors will not break off or pull
- Cord resists cracking and breaking
- 3-conductor SPT-3
- 15 A, 1875 W
- 14/3 SPT cable

PRIME®

Model No.	Length'	Qty /Case	Price /Each
XC156	3	36	5.76
XC157	6	30	9.71

For air conditioners, please see page 399



WORKSHOP STRIPS

- Additional grounding outlets from a single outlet source
- Metal housing
- 6', 14/3 cord
- 15 A, 1875 W
- Includes metal housing and a lighted on/off circuit breaker switch for overload protection
- 5-year warranty

XC040



PRIME®

Model No.	Description	Qty /Case	Price /Each
XC040	Cord wrap, 8 outlets, yellow	6	30.06

ALL-PURPOSE PLUG STRIPS

- Provides all mode protection for all outlets
- LED indicates protection is active
- 6-outlets plug strip with 6' cord
- ANSI/IEEE Categories A and B C-62.41 and C-62.45, UL 1449 #E146315 and CSA #LR-94773 certified
- Covered by a lifetime limited warranty

Model No. XC183
Price/Each \$40.40

LEVITON®
Commercial



GENERATORS

SGA SERIES – HONDA MOTOR

PORTABLE GENERATORS 2300 W (MAX)

- 5.0 HP Honda GC160 engine
- Oil Alert™ feature shuts down engine if oil drops below a safe operating level
- Maintenance-free, brushless design
- Convenient, non-fuse breakers
- Voltage regulators
- Rubber-mounted engine and components
- Full-frame protection



Model No.
Runtime (Half load):
AC Output:
Maximum Output:
Maximum Amps:
Rated Output:
Rated Amps:
Dimensions:
Weight:
Price/Each

TBM821
2.3 Hours
120 Volts
2300 Watts
20 Amps
2000 Watts
17 Amps
22" L x 16" W x 16" H
70 lbs.
\$1430.66



TBM821

SGB SERIES – HONDA MOTOR

PORTABLE GENERATORS 5500 W (MAX)

- 11.0 HP Honda GX340 engine
- Oil Alert™ feature shuts down engine if oil drops below a safe operating level
- Automatic idle control
- Volt-meter and voltage regulators
- Maintenance-free, brushless design
- Convenient, non-fuse breakers
- Rubber-mounted engine and components
- Full-frame protection
- DC output capability



Model No.
Runtime (Half load):
AC Output:
Maximum Output:
Maximum Amps:
Rated Output:
Rated Amps:
DC Output:
Maximum Output (DC):
Maximum Amps (DC):
Dimensions:
Weight:
Price/Each

TBM825
5.8 Hours
120/240 Volts
5500 Watts
45.8/22.9 Amps
4500 Watts
37.5/18.75 Amps
12 Volts
100 Watts
8.3 Amps
26" L x 20" W x 20" H
168 lbs.
\$3942.71



TBM825

950 W GAS GENERATORS

- Max power: 880 W - 950 W
- Rated power: 800 W
- Outlet 120 V, 6.7 A, AC output
- Outlet 12 V, 8.3 A, DC output
- Displacement: 63 cc
- Starting system: Recoil
- Fuel tank capacity: 4.2 L
- Unleaded gasoline/oil mixture ratio 50:1
- Dimensions: 15" L x 13" W x 13" H
- Noise level at 7 m: 57 dB(A)
- Weight: 39 lbs.

Model No. XC302
Price/Each \$187.00



1200 W GAS GENERATORS

- Superior heavy-duty frame design for added protection
- 2.4 HP four-stroke OHV gas engine
- Starting system: Recoil
- Maximum power: 1200 W
- Rated power: 1000 W
- 120 V AC outlet
- 12 V/5.8 A DC auxiliary outlet
- Fuel tank capacity: 6 L
- 5-hour continuous operating time
- Dimensions: 19" L x 15" W x 17" H
- Noise level at 7 m: 59 dB(A)
- Weight: 55 lbs.

Model No. XC374
Price/Each \$319.00



3300 W GAS GENERATORS

- Superior heavy-duty frame design for added protection
- 6.5 HP four-stroke OHV gas engine
- Maximum power: 3300 W
- Rated power: 2600 W
- 120/240 V AC outlet
- 12 V/8.3 A DC auxiliary outlet
- Fuel tank capacity: 15 L
- 9-hour continuous operating time
- Dimensions: 25" L x 19" W x 21" H
- Noise level at 7 m: 69 dB(A)
- Weight: 102 lbs.

Model No. XC373
Price/Each \$580.00



ZENITH®
Safety Products
We guarantee your safety!

7200W GAS GENERATORS

- Superior heavy-duty frame design for added protection
- 13 HP four-stroke OHV gas engine
- Starting system: Recoil/Electric
- Comes with battery and wheel kit
- Maximum power: 7200 W
- Rated power: 5500 W
- 120/240 V AC outlet
- 12 V/8.3 A DC auxiliary outlet
- Fuel tank capacity: 25 L
- 7.5 hour continuous operating time
- Dimensions: 28" L x 22" W x 23" H
- Noise level at 7m 74 dB(A)
- Weight: 187 lbs.

Model No. XC371
Price/Each \$1125.00



2200 W DIGITAL INVERTER GENERATORS

- 4.0 HP four-stroke OHV gas engine
- Starting system: Electric
- Maximum power: 2200 W
- Rated power: 2000 W
- 120V AC rated output
- 12 V 8.3 A DC auxiliary outlet
- Fuel tank capacity: 7.0 L
- 6-hour continuous operating time
- Noise level at 7 m: 61 dB (A)
- Dimensions: 19" L x 10" W x 17" H
- Weight: 66 lbs.

Model No. XC641
Price/Each \$927.00



TEMPORARY POWER DISTRIBUTION UNITS

- "Spider Box" Temporary Power Distribution Unit is designed to safely distribute temporary power on jobsites
- Appropriate for outdoor use and designed to stand up to the toughest workplace conditions
- 120V/20A receptacles are protected by individual GFCIs with power on indicators
- Outlets also provide open neutral and reverse phasing protection
- 125V/250V/50A input and pass-thru
- 6 x 125V/20A 5-20R receptacles (GFCI protected)
- 1 x 250V/30A 6-30R twist-lock receptacle (non-GFCI)
- Circuit breakers located under easy-access side panel

LIND  EQUIPMENT



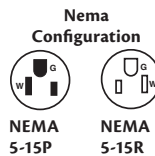
Model No.	Mfg. No.	Description	Wt. lbs.	Price /Each
SAR595	91000	Temporary Power Distribution Unit	28	1141.79
SAR596	91006	Power cord, 50' 6/3-8/1 AWG SOW 125V/250V/50A, rubber cord	33	794.20

Commercial Specification Grade Straight Blade Plugs and Connectors are rugged performers. They are moisture, chemical and abuse-resistant. And they're ideal for indoor and outdoor use. All of these features and benefits are common to 15 A and 20 A Commercial Specification Grade Plugs and Connectors. TPE rubber-backed plugs and connectors stand up to rough use and protect against dirt and moisture. Deep-slotted, backed-out terminal screws draw backwire clamps securely over stripped leads for maximum conductivity.

15 A 125 V 2-POLE 3-WIRE GROUNDING

Model No.	Mfg. No.	Description	Colour	Cord Diameter"	Wire Gauge stranded	Price /Each
XA778	515PV	PVC Grounding Plug	Yellow	0.245 - 0.655	No. 18-3 thru 12-3 cords	3.32
XA779	515CV	PVC Grounding Connector	Yellow	0.245 - 0.655	No. 18-3 thru 12-3 cords	6.73

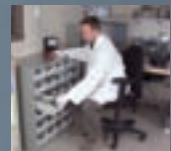
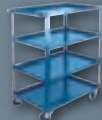
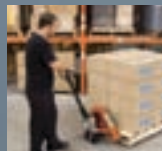
LEVITON®



XA778

KLETON

Canada's Leading
Material Handling Manufacturer



ELECTRICAL DEVICES & ACCESSORIES

STANDARD SIZE PLASTIC WALLPLATES



LEVITON®

Model No.	Mfg. No.	Description	Colour	Price /Each
XB316	88001	1 Gang 1 Toggle	White	0.40
XB317	88003	1 Gang 1 Duplex	White	0.40
XB318	88009	2 Gang 2 Toggles	White	0.60
XB326	80401-W	1 Gang Decora	White	0.90

STANDARD SIZE STAINLESS STEEL WALLPLATES

Model No.	Mfg. No.	Description	Price /Each
XA856	84001	1 Gang 1 Toggle	1.41
XA857	84009	2 Gang 2 Toggles	2.81
XA858	84011	3 Gang 3 Toggles	4.22
XA859	84003	1 Gang 1 Duplex	1.41
XA861	84001-C	1 Gang 1 Toggle 347 V	3.62

GFCI'S, HOSPITAL AND COMMERCIAL GRADES

15A 125V BACK AND SIDE WIRED

- Super impact resistant face
- UL listed, CSA and NOM certified



XC222

Nema Configuration



5-15R

LEVITON®

SMART LOCK GFCI®

Model No.	Mfg. No.	Description	Colour	Price /Each
HOSPITAL GRADE				
XC220	7599-HGW	GFCI SmartLock® duplex with LED	White	59.09
COMMERCIAL GRADE				
XC222	8599-A	GFCI SmartLock® duplex with LED	White	27.34

WALL PLATES



XC927



XC930



XC932

Model No.	Description	Color	Qty / box	Price / Each
XC925	Toggle Switch Plate - 1-Gang	Ivory	25	0.30
XC926	Duplex Outlet Plate - 1-Gang	Ivory	25	0.30
XC927	Toggle Switch Plate - 1-Gang	White	25	0.30
XC928	Toggle Switch Plate - 2-Gang	White	5	0.62
XC929	Toggle Switch Plate - 3-Gang	White	5	0.92
XC930	Duplex Outlet Plate - 1-Gang	White	25	0.30
XC931	Duplex Outlet Plate - 2-Gang	White	5	0.62
XC932	Decorator Plate - 1-Gang	White	10	0.52
XC933	Decorator Plate - 1-Gang	Ivory	10	0.52
XC934	Decorator Plate - 2-Gang	White	5	1.04
XC935	Decorator Plate - 3-Gang	White	5	1.56

ADAPTORS

Model No.	Description	Qty /box	Price / Each
XC899	Adaptor 6-Tap	5	2.88



OUTLETS

Model No.	Description	Price /Each
XC900	15A GFCI Duplex Outlet w/Indicator LED- Ivory	14.95
XC901	15A GFCI Duplex Outlet w/Indicator LED- White	14.95
XC902	20A GFCI Duplex Outlet w/Indicator LED- Ivory	16.98
XC903	20A GFCI Duplex Outlet w/Indicator LED- White	16.98
XC904	20A GFCI "Tamper Resistant" w/Indicator LED	19.95
XC905	20A GFCI "Tamper Resistant" w/Indicator LED	19.95



R33072E

SWITCHES, DIMMERS & TIMERS

DECORATOR SWITCHES

Model No.	Description	Color	Qty /Box	Price /Each
XC906	Decorator Switch 4-Way	White	1	15.90
XC907	Decorator Switch 3-Way	White	5	3.60
XC908	Decorator Switch 3-Way	Ivory	5	3.60



XC906



XC909

LIGHTED DECORATOR SWITCHES

Model No.	Description	Color	Qty /Box	Price /Each
XC909	Lighted Decorator Switch Single-Pole	Ivory	5	3.70
XC910	Lighted Decorator Switch Single-Pole	White	5	3.70
XC911	Lighted Decorator Switch 3-Way	Ivory	1	5.42
XC912	Lighted Decorator Switch 3-Way	White	1	5.42

DIMMERS

Model No.	Description	Color	Qty /Box	Price /Each
XC913	Touch Dimmer Single-Pole	White	1	38.74
XC914	Designer choice slide Dimmer Single-Pole 3 Way	White	6	25.38
XC915	Slide dimmer with preset Single-Pole	White	6	19.80
XC916	Slide dimmer with preset Single-Pole	Ivory	6	19.80
XC917	Slide dimmer 3 way with preset Single-Pole	Ivory	6	27.50
XC918	Slide dimmer 3 way with preset Single-Pole	White	6	27.50
XC919	Slide dimmer Single-Pole	White	6	17.76
XC920	Slide dimmer Single-Pole	Ivory	6	17.76
XC921	1000W Rotary dimmer	White	1	67.58



XC913



XC921

TIMERS

Model No.	Description	Price /Each
XC922	Plug-In grounded timer	9.96
XC923	Wall switch timer Single-Pole	39.94
XC924	Outdoor timer 2 On/Off	33.76



XC922



XC923



XC924

ENERGY EFFICIENCY USING TIMERS!

An easy way to save energy is by using timers. Timers can be programmed around your specific schedule to automatically start or stop and reduce energy usage throughout your home or office.

ELECTRICAL TAPES

ELECTRICAL TAPE

- Vinyl plastic
- Excellent recovery, molds snugly to any surface
- Ideal for electrical splicing and insulation; protection against solvents and corrosion
- For use between -7°C and 80°C
- Thickness: 7 mils
- CSA approved



Priced per Roll

Model No.	Colour	Dimensions	Price /Each
PA665	Black	3/4" x 60' (18 mm x 18 m)	0.84
XC545	Red	3/4" x 66' (18 mm x 20.1 m)	0.95
XC546	Green	3/4" x 66' (18 mm x 20.1 m)	0.95
XC547	Blue	3/4" x 66' (18 mm x 20.1 m)	0.95
XC548	White	3/4" x 66' (18 mm x 20.1 m)	0.95
XC549	Yellow	3/4" x 66' (18 mm x 20.1 m)	0.95

TEMFLEX™ ELECTRICAL TAPE

- General purpose, flexible vinyl tape
- Temperature range: -10°C/80°C
- Thickness: 7 mils
- UL and CSA approved



Priced per Roll

Model No.	Dimensions	Roll /Case	Price /Each
PC695	3/4" x 60' (19 mm x 18 m)	100	0.88

SCOTCH® SUPER 88 VINYL TAPE

- Heavy-duty, all weather, premium grade vinyl tape for primary splices up to 600 V
- Resists UV rays, abrasion, corrosion, alkalis and acids
- Flame retardant
- Will perform in a continuous temperature environment up to 220°F (105°C)
- Excellent conformability for cold weather applications to 0°F (-18°C)
- Thickness: 8.5 mils
- UL and CSA approved



Priced per Roll

Model No.	Dimensions	Roll /Case	Price /Each
PC694	3/4" x 66' (19 mm x 20.1 m)	100	7.80

SCOTCH® 130C LINERLESS RUBBER SPLICING TAPE

- Highly conformable, linerless ethylene propylene rubber (EPR), high-voltage insulating tape (up to 69 kV)
- Excellent thermal dissipation of splice heat
- Meets industry specifications, excellent physical and electrical properties
- Immediate moisture sealing and void-free buildsups
- Rated up to 194°F (90°C) continuous operating temperatures, short term 266°F (130°C) overload service
- Having no liner makes jobs easier and saves time
- Thickness: 30 mils



Priced per Roll

Model No.	Dimensions	Roll /Case	Price /Each
XC323	1" x 30'	24	20.03

SCOTCH® SUPER 33+ VINYL TAPE

- All weather, premium grade vinyl tape for primary splices up to 600 V
- Resists UV rays, abrasion, corrosion, alkalis and acids
- Operating temperatures up to 220°F (105°C)
- Conformable for cold weather applications to 0°F (-18°C)
- Flame retardant
- Thickness: 7 mils
- UL and CSA approved



Priced per Roll

Model No.	Dimensions	Roll /Case	Price /Each
PC693	3/4" x 66' (19 mm x 20.1 m)	100	6.98

SCOTCH® 35 COLOUR CODING VINYL TAPE

- Premium grade vinyl electrical colour-coding tape
- Stretches to conform to virtually any shape that requires colour-code insulation
- Excellent mechanical and insulation properties, wraps smoothly and holds tight over wide range of temperatures
- Resists UV rays, abrasions, corrosion, alkalis, and acids
- Flame retardant
- Temperature rating: 220°F/105°C
- Thickness: 7 mils
- UL and CSA approved



Priced per Roll

Model No.	Colour	Dimensions	Rolls /Case	Price /Each
PC696	Blue	1/2" x 20'	100	2.25
PC720	Green	1/2" x 20'	100	2.25
PC721	Red	1/2" x 20'	100	2.25
PC722	White	1/2" x 20'	100	2.25
PC723	Yellow	1/2" x 20'	100	2.25
XC309	Orange	1/2" x 20'	100	2.25
XC312	Red	3/4" x 66'	100	7.08
XC314	Yellow	3/4" x 66'	100	7.08
XC315	Orange	3/4" x 66'	100	7.08

SCOTCH® 27 GLASS CLOTH ELECTRICAL TAPE

- Ideal for electrical maintenance applications
- Woven glass cloth tape with a rubber thermosetting pressure-sensitive adhesive
- Edge-tear resistant, conformable, abrasion resistant
- For use as a coil cover, anchor, banding and core, layer and crossover insulation, and for heat-stable insulation for furnace and oven controls, motor leads, and switches
- Thickness: 7 mils
- UL recognized 130°C/266°F



Priced per Roll

Model No.	Dimensions	Roll /Case	Price /Each
XC322	3/4" x 66' (19 mm x 20.1 m)	50	23.15

COLOURFLEX™ TAPE

- General purpose colour coding vinyl tape
- Thickness: 7 mils



Priced per Roll

Model No.	Colour	Dimensions	Roll /Case	Price /Each
XC316	Blue	3/4" x 60'	100	1.08
XC317	Green	3/4" x 60'	100	1.08
XC318	Red	3/4" x 60'	100	1.08
XC319	White	3/4" x 60'	100	1.08
XC320	Yellow	3/4" x 60'	100	1.08
XC321	Orange	3/4" x 60'	100	1.08



A QUICK GUIDE TO CHOOSING THE RIGHT FLASHLIGHT

How to select the light that is best for your specific needs. Just consider these basic questions:

SAFETY RATING?

It's important to know if you'll be working in a hazardous environment and exactly what type of hazards may be present. Some flashlights can be very dangerous in certain environments.

HAZARDOUS AREA ELECTRICAL GUIDELINES

CLASS	SUBSTANCE	TYPICAL ENVIRONMENTS	CLASSIFICATION VOLATILITY
1	Flammable Gases, Vapours or Liquids (Acetylene, Hydrogen, Ethylene, Propane)	<ul style="list-style-type: none"> Oil Refinery Paint Warehouse Offshore Oil Rig Spray Booth 	Division 1 (Hazard Likely) Division 2 (Hazard Not Likely)
2	Combustible Dusts (Metals [Div.1 only], Coal, Grain)	<ul style="list-style-type: none"> Coal Mine Grain Silo Munitions Factory Hay Storage Facility 	Division 1 (Hazard Likely) Division 2 (Hazard Not Likely)
3	Ignitable Fibres and Flyings (Machined Magnesium)	<ul style="list-style-type: none"> Paper Mill Woodworking Facility Textile Mill Cotton Gin 	Division 1 (Hazard Likely) Division 2 (Hazard Not Likely)

MOST
↑
↓
LEAST

DISPOSABLE OR RECHARGEABLE?

Disposable batteries, either alkaline or lithium, have excellent storage life, 7 and 10 years respectively. They generally offer longer runtimes and are typically lower in initial price than rechargeable batteries. It is also easy to keep spares on hand to replace in the field. Their operating costs are considerably higher than rechargeables (see chart) and they are seldom as bright. Lithium cells have high energy density, but are even more costly than alkaline.

TYPICAL COSTS OF A RECHARGEABLE VS. DISPOSABLE

Year	Rechargeable Flashlight Costs	D-Cell Flashlight Costs
1 st	\$97*	\$103**
2 nd	\$0	\$78
3 rd	\$0	\$78
4 th	\$0	\$78
Total	\$97	\$337

* Average suggested cost of a rechargeable flashlight

** Includes \$25 flashlight purchase and a year's worth of replacement batteries

Rechargeable flashlights using nickel cadmium, lead acid, nickel metal hydride (NiMH), or lithium ion batteries feature extraordinarily low operating expense and are well suited for frequent use. They can often support a brighter bulb or LED, and they store conveniently in custom charger holders. If you keep your rechargeable light in its charger when not in use, it's always ready and fully-charged when you need it. Their initial purchase price is higher and they self discharge at a higher rate when in storage.

LIGHT OUTPUT IS ALSO AFFECTED BY THE KIND OF BULB OR LED THAT'S IN YOUR LIGHT. HERE'S A RUNDOWN OF YOUR CHOICES:

INCANDESCENT Both xenon and halogen lamps provide high output for their size and a white, natural-appearing light. Halogen lamps "blacken" less as they age and may have longer life than xenon lamps. Both require periodic replacement and can fail on extreme impact. They are easily focused - most powerful, highest performance, top choice for long distances.

LEDs (LIGHT EMITTING DIODES) Solid-state construction. Very durable and long-lived - up to 100 000 hours. Do not require periodic replacement. Soft focus, short range. Good for close work. Typically much less power than incandescent lamps, but can give extremely long run times at low illumination levels.

POWER LEDs Reliability of a LED with the performance of an incandescent. Extremely durable, lasting 10 000 to 50 000 hours.

COMBINATION LED/INCANDESCENT LED/xenon combination lights combine the long running times and durability of LEDs with the brightness of an incandescent. Arguably the best of both worlds.

C4® TECHNOLOGY LED The latest LED technology uses a new diode chip and streamlight's innovative use of reflectors to magnify, direct, and intensify the light beam. You get all the benefits of an LED with an intense beam that in many cases exceeds the brightness of an incandescent.

C4® LED/POWER LED COMBINATION Features the intensely bright, long reaching beam of C4® power LED, with ultra-bright LEDs for area lighting and longer run times.

HID LIGHTS (HIGH INTENSITY DISCHARGE) HID lights feature rugged high pressure plasma arc lamps that generate more lumens per watt than an LEDs or incandescent lamps. These lights can produce thousands of lumens.

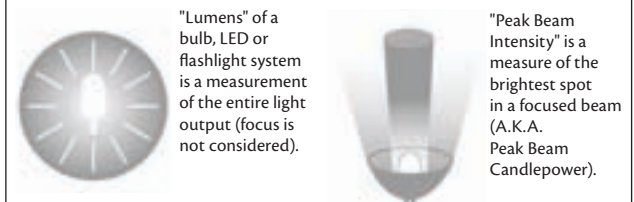
LIGHT MEASUREMENT?

We recommend that a user consider two light measurement factors when choosing a portable light:

1. TOTAL LIGHT OUTPUT Lumens is a good measure of the overall visible light energy. It may be the total light coming from a bare bulb or the actual measured system output of the lighting device. It is largely a function of the light power of the bulb or LED. Lumens do not indicate how bright a target will appear. We use an integrating sphere to measure lumens.

2. PEAK BEAM INTENSITY The brightest spot of a focused beam expressed in candelas. It is a function of the bulb or LED combined with how effective the reflector is at producing a focused beam. It yields a good representation of the tightness of the focus and the apparent brightness of the light on the target at distance. We use a photometer, usually 100 feet away, to measure Peak Beam Intensity.

LUMENS & PEAK BEAM INTENSITY



FLASHLIGHTS & BATTERIES

XA387



XA679



XA389



MAGLITE® MINI

MINI MAGLITE® AA-CELL

- High-strength aluminum alloy case
- 1/2 turn, twist focus, spot-to-flood
- Candle mode for convenient hands free light
- Spare lamp safely secured in the tail cap
- O-ring sealed for water resistance
- Super-Bright Xenon Lamp™
- Includes: 2 AA alkaline batteries in all package types

MINI MAGLITE® AAA-CELL

- High-strength aluminum alloy case
- Twist focus, spot-to-flood
- Spare lamp safely secured in the tail cap
- O-ring sealed for water resistance
- Includes: Pocket clip and 2 AAA alkaline batteries

SOLITAIRE® AAA-CELL

- High-strength aluminum alloy case
- Less than 1 oz. and about 3" in length
- Spare lamp safely secured in the tail cap
- Includes: 1 AAA alkaline battery and key lead lanyard



Model No.	Description	Wt. lbs.	Price /Each
MINI MAGLITE® AA-CELL			
XA669	Blister Pack	0.3	16.99
XA387	Presentation Box	0.4	17.98
XA678	Holster Pack	0.4	18.98
XA679	Combo Pack	0.4	19.71
MINI MAGLITE® AAA-CELL			
XA680	Blister Pack	0.2	13.18
XA388	Presentation Box	0.3	13.47
SOLITAIRE®			
XA681	Black, Blister Pack	0.2	8.56
XA389	Black Presentation Box	0.2	8.56
XA683	Blue Presentation Box	0.2	8.56
REPLACEMENT BULBS			
XA701	Solitaire® Replacement Bulb		2.85
XA703	Replacement Bulb, Fits AA and AAA		2.95
BATTERIES			
XB872	Replacement Batteries, AA, 24/pkg.		18.08
XB873	Replacement Batteries, AAA, 24/pkg.		23.06

MAGLITE® D-CELL

- Cam driven beam changes from flood to spot with a turn of the head
- Anodized aircraft aluminum with knurled grip enhances conductivity, increases durability, reduces oxidation and battery damage
- White Star krypton lamp provides 70% more light than a standard PR2 lamp
- Spare krypton lamp included in tail cap
- Rubber O-rings ensure resistance to water and shock
- Batteries not included



Model No.	Description	Price /Each
XA384	2 D-Cell Flashlight	30.73
XA385	3 D-Cell Flashlight	31.80
XA386	4 D-Cell Flashlight	32.46
REPLACEMENT BULBS		
XA704	White Star Krypton Bulb for 2 Cell	2.88
XA705	White Star Krypton Bulb for 3 Cell	2.88
BATTERIES		
XB875	Replacement Batteries D-Cell, 12/Pkg.	21.60

MAGLITE® FLASHLIGHT ACCESSORIES



XC386



XB344



XB345



XC081



XC084



XC083



XC082



XB347



XC080

Model No.	Description	Price /Each
XB344	Belt Holster, Black Leather for 2 AA-Cell	8.53
XB345	Belt Holster, Black Nylon for 2 AA-Cell	4.84
XC386	Belt Holster, Camouflage Nylon for 2 AA-Cell	4.78
XB347	Belt Holster for D-Cell	6.58
XC080	Rubber Anti-Roll Device/Lens Holder; Red, Clear & Blue Lenses; 2 D-Cell Mounting Brackets for D-Cell	11.16
XC081	Red, Blue & Clear Lenses; Anti-Roll Device/Lens Holder; Wrist Lanyard; Pocket Clip for 2 AA-Cell	5.13
TRAFFIC WAND KITS WITH REFLECTIVE TAPE		
XC082	Red, for C-Cell and D-Cell Only	4.29
XC083	Yellow, for C-Cell and D-Cell Only	4.29
XC084	White, for C-Cell and D-Cell Only	4.29

MAGLITE® ML100 LED FLASHLIGHTS

Designed for optimum light output, the Maglite® ML100™ LED flashlight delivers performance-oriented features in a sleeker compact design. Available in either 2 or 3-cell C size, these advanced lighting instruments are driven by next-generation MAG-LED® technology. The ML100™ combines reliability and beam-adjustability with powerful new electronics, providing stunning brightness, long battery life including user configurable function sets.

FEATURES:

- Quick access to your preferred functions
- Full power
- Power save (25%)
- Strobe (12/sec)
- SOS (Int'l Morse Code)
- Momentary On/Off
- **XC844**- 2 C-cell version offers -307 m powerful projecting LED adjustable beam 137 lumens lasting 48 hours at low setting or 13 hours at high setting
- **XC845**- 3 C-cell version 306 m powerful projecting LED adjustable beam 137 lumens that last 78 hours at low setting or 37 hours at high setting
- **XC844** is powered by 2 C alkaline batteries (included)
- **XC845** is powered by 3 C alkaline batteries (included)

SPECIFICATIONS:

XC844 2 C-cell

- Length: 9.135" (232.029 mm)
- Barrel diameter: 1.199" (30.455 mm)
- Head diameter: 1.977" (50.216 mm)
- Weight with batteries: 15.2 oz. (430.9 g)

XC845 3 C-cell

- Length: 11.104" (282.042 mm)
- Barrel diameter: 1.199" (30.455 mm)
- Head diameter: 1.977" (50.216 mm)
- Weight with batteries: 18.4 oz. (521.63 g)

Use the **XC844** or **XC845** flashlights just as they are (see Function Set #1 Standard) or personalize them to meet your own needs by choosing one of the other function sets in the chart shown below.

	Function Set 1 (standard)	Function Set 2	Function Set 3	Function Set 4
1 Click	Full Power	Full Power	Momentary	Momentary
2 Clicks	Power Save	Power Save	Full Power	Full Power
3 Clicks	Strobe	SOS Signal	Power Save	Strobe

Model No.	Mfg. No.	Description	Price /Each
XC844	ML100-S2DX6	2 C-Cell Flashlight	79.97
XC845	ML100-S3DX6	3 C-Cell Flashlight	82.34
XB874	EN93	Replacement Batteries, C-Cell, 12/Pkg.	19.50



XC844



XC845

MAGLITE® XL50™ LED FLASHLIGHTS

Delivers user-friendly, performance-oriented features in a sleek, tactical design and is driven by the next generation of MAG-LED® technology.

FEATURES:

- 145 m powerful projecting LED beam
- 104 lumens
- "Spot-to-Flood" adjustable LED beam
- Push button tail-cap switch
- Compact, pocket size design
- Anodized for corrosion resistance and durability
- Rugged, machined aluminum case
- Intelligent Energy Source Management - continuously monitors the balance between high brightness and efficient power usage allowing for prolonged battery life

3 QUICK-CLICK SELECTABLE MODES:

- 1 Quick-click turns unit "ON" at high power
- 2 Quick clicks = Energy savings on at 25% power
- 3 Quick clicks = Emergency safety strobe
- Powered by three AAA alkaline batteries (included)

SPECIFICATIONS:

- Length: 4.8" (121.92 mm)
- Barrel diameter: 1" (25.4 mm)
- Head diameter: 1" (25.4 mm)
- Weight with batteries: 3.68 oz. (104 g)



MAGLITE® LED

MAGLITE® XL200™ LED FLASHLIGHTS

The XL200™ offers five basic, easy to use functions and advanced features and brightness of a next-generation LED.

The simple "Quick-Click" method let's the user select the desired function with motion-controlled variable power level and blink rate.

FEATURES:

- 138 m powerful projecting LED beam
- 172 lumens
- "Spot-to-Flood" adjustable LED beam
- Push button tail-cap switch
- Anodized for corrosion resistance and durability
- Rugged, machined aluminum case
- Sealed at both ends with high-grade rubber o-rings and lip seals

5 QUICK-CLICK SELECTABLE MODES:

- 1 Quick-click turns unit "ON" at high power
- 2 Quick-clicks = Emergency safety strobe
- 3 Quick-clicks = Nite Lite™ mode
- 4 Quick-clicks = Signal mode
- 5 Quick-clicks = SOS mode
- Powered by three AAA alkaline batteries (included)

SPECIFICATIONS:

- Length: 4.8" (121.92 mm)
- Barrel diameter: 1" (25.4 mm)
- Head diameter: 1" (25.4 mm)
- Weight with batteries: 3.68 oz. (104 g)



BELT HOLSTERS FOR XL SERIES™ FLASHLIGHTS

- Rugged woven ballistic nylon
- Weather-resistant lock-stitched thread
- Click-adjustable rotating belt clip
- Accepts belts up to 1 5/8" wide
- Flashlight can be aimed while holstered
- Allows hands-free operation

MAGLITE® LED

Model No.	Mfg. No.	Description	Price /Each
XC841	XL50-S3016	3 Mode, AAA, LED	46.64
XC842	XL200-S3016	5 Mode, AAA, LED	68.39
XB873	EN92	Replacement Batteries, AAA, 24/Pkg.	23.06

FLASHLIGHTS & BATTERIES

HALOGEN MAG CHARGER® SYSTEM FLASHLIGHTS



FEATURES:

- High-tech metallic reflector, combined with a tempered glass lens that delivers superior optical performance
- Durable sleek black finish, hard-anodizing inside and out for improved durability
- O-ring sealed throughout for resistance to weather and harsh environmental conditions
- Precision machined high-strength aluminum alloy case
- Individually serial numbered for identification
- NiMH rechargeable battery offers 434 m powerful projecting LED adjustable beam
- 240 lumens lasting 6 h 45 min. at low setting or two hours at high setting
- Quick access to your preferred functions:
- Full power
- Power save (25%)
- Strobe (5/sec)
- SOS (Int'l Morse code)
- Momentary On/Off
- Length: 12 1/2"
- Weight: 2 lbs.



XA390 SYSTEM (V4) INCLUDES:

- Mag Charger® flashlight, charging cradle, NiMH rechargeable battery pack, two mounting brackets, 120 V converter, mobile power adapter (12 V) and a back-up halogen lamp is stored in the tailcap.

Use the **XA390** rechargeable system just as it is (see Function Set #1 Standard) or personalize it to meet your own needs by choosing one of the other function sets in the chart shown below.

	Function Set 1 (standard)	Function Set 2	Function Set 3	Function Set 4
1 Click	Full Power	Full Power	Momentary	Momentary
2 Clicks	Power Save	Power Save	Full Power	Full Power
3 Clicks	Strobe	SOS Signal	Power Save	Strobe

Model No.	Mfg. No.	Description	Price /Each
XA390	RE1019	Rechargeable Halogen Flashlight	171.00
XC849	ARXX235	Replacement NiMH Battery Pack	31.78

MAGLITE® ML125™ LED FLASHLIGHT RECHARGEABLE SYSTEMS



Runs on either an environmentally friendly NiMH rechargeable battery pack or three C-cell alkaline batteries. System includes portable battery charger, AC converter and NiMH battery pack.

FEATURES:

- Rugged, machined aluminum construction
- Anodized inside and out for improved corrosion resistance
- Sealed at both ends with high-grade rubber seals
- Quick access to your preferred functions:
- Full power
- Power save (25%)
- Strobe (12/sec)
- SOS (Int'l Morse code)
- Momentary On/Off
- **NiMH battery pack offers** 258 m powerful projecting LED adjustable beam
- 186 lumens lasting 30 hours at low setting or 8.5 hours at high setting
- **3 C-cell alkaline batteries offers** 273 m powerful projecting LED adjustable beam
- 193 lumens lasting 72 hours at low setting or 25 hours at high setting

SPECIFICATIONS:

- Length: 11.10" (282.04 mm)
- Barrel diameter: 1.199" (30.455 mm)
- Head diameter: 1.977" (50.216 mm)
- Weight with batteries: 18.4 oz. (521.63 g)



Use the **XC846** LED Rechargeable system just as it is (see Function Set #1 Standard) or personalize it to meet your own needs by choosing one of the other function sets in the chart shown below.

	Function Set 1 (standard)	Function Set 2	Function Set 3	Function Set 4
1 Click	Full Power	Full Power	Momentary	Momentary
2 Clicks	Power Save	Power Save	Full Power	Full Power
3 Clicks	Strobe	SOS Signal	Power Save	Strobe

Model No.	Mfg. No.	Description	Price /Each
XC846	ML125-33014	Rechargeable LED Flashlight	162.82
XC847	ML125-A3015	Replacement NiMH Battery Pack	44.00
XB874	EN93	Replacement Batteries, C-Cell, 12/Pkg.	19.50



MINI MAGLITE® LED & PRO™

- Powerful projecting LED beam that focuses simply by rotating the head
- *Balanced Optics™* combines a highly refined reflector with a performance enhanced LED yielding high output intensity
- Intelligent Energy Source Management allows the user choose the power level
- Multi-mode electronic switch: 100% power, 25% power, blink, SOS
- Length: 6.6"
- *Maglite® PRO™* offers latest generation LED
- Includes: 2 AA size alkaline batteries and belt holster

MINI MAGLITE® LED

Model No.	Mfg. No.	Description	Price /Each
XC238	SP2201H	Mini Maglite® LED Flashlight, 2 AA-Cell	32.27
XC814	SP2P01H	Mini Maglite® LED PRO™ Flashlight, 2 AA-Cell	39.49
XC239	ST2D016	Maglite® LED Flashlight, 2 D-Cell	42.87
XC240	ST3D016	Maglite® LED Flashlight, 3 D-Cell	44.93

BATTERIES

XB872	EN91	Replacement Batteries, AA, 24/Pkg.	18.08
XB875	EN95	Replacement Batteries, D-Cell, 12/Pkg.	21.60

MAGLITE® LED

- Powerful projecting LED beam that focuses spot to flood simply by rotating the head
- *Balanced Optics™* combines a highly refined reflector with a performance enhanced LED, for a brilliant adjustable beam
- Intelligent Energy Source Management balances high brightness with extended battery life
- Rugged, machined aluminum construction with knurled design
- Anodized inside and out for improved corrosion resistance
- Water and shock resistant
- Batteries not included

MAGLITE® LED



FLASHLIGHTS & BATTERIES

NANO LIGHT®

- This super-bright, truly tiny, "take anywhere with you" flashlight attaches to just about anything from a key chain to a coat zipper or D-ring
- 5 mm white LED is impervious to shock and has a 100 000 hour lifetime - never needs to be replaced
- Runtime: Up to 8 hrs of declining useable light
- White LED delivers up to 10 lumens
- Parabolic shaped LED area optimizes beam performance
- Rotating head switch "on-off"
- Non-rotating snap hook for easy one-handed operation
- Includes: 4 IEC-LR41 coin cell alkaline batteries



Model No.	Description	Price /Each
XC392	Nano Light®, Black	10.22
XC393	Replacement Batteries - 4 Pack	7.71

PENLIGHTS

- Compact, high-powered LED penlights provide a super bright beam
- Constructed of corrosion proof, machined aircraft-grade aluminum alloy with Type II MIL-Spec anodized plating
- 30 000 hour lifetime 0.5 watt LED never needs to be replaced
- Water resistant per code IPX4; in accordance with specification EN 60529:1992
- Tail switch features momentary blink and constant "on" modes
- Matte black finish



STYLUS PRO®

- Produces up to 48 lumens
- Run time: Up to 6.25 regulated hours
- Includes: batteries, nylon holster & pocket clip

Model No. XC394
Price/Each \$34.71

MICROSTREAM®

- Produces up to 28 lumens
- Run time: Up to 2.25 hours
- Includes: battery, pocket clip & lanyard

Model No. XC395
Price/Each \$28.58

STREAMLIGHT JR.® LED FLASHLIGHTS

- Super bright C4® LED is impervious to shock and provides up to 85 lumens
- Up to 4 hours of continuous use
- Push-button tail switch - steady on and momentary on/off operation
- Impact-resistant/water-resistant
- Includes 2 AA alkaline batteries & holster



Model No.	Description	Price /Each
XC247	Streamlight Jr® LED w/Alkaline Batteries, Black	55.12
BATTERIES		
XB872	Replacement Batteries, AA Cell, 24/pkg.	18.08

STYLUS® PENLIGHTS

- High intensity LED lasts 100 000 hours
- Up to 60 hours of continuous run time
- Model XB942 has a flexible cable making it possible to see anywhere
- Includes: 3 AAAA alkaline batteries
- Black casing with pocket clip



Model No.	Description	Price /Each
XB943	Stylus® Penlight, 3.5 oz.	22.46
XB942	Stylus Reach® Penlight - 7" Cable, 3.5 oz.	30.63

POLYSTYLUS® LED PENLIGHTS

- Ultra-slim, ultra-tough penlight fits in your pocket
- Non-conductive fibreglass body allows light to be used near electrical circuits
- High intensity 5 mm LED, impervious to shock with a 100 000 hour lifetime
- Runtime: 48 continuous hours to the 10% lumen output level
- Light output: 85 candela peak beam intensity; 9 lumens
- Tailswitch designed for one-handed momentary or constant "on" operation
- IPX4 Rated for water resistant operation
- Length: 6.68"
- Weight: 1.4 oz
- Includes: 3 AAAA alkaline batteries and integral pocket clip

Model No. XC479
Price/Each \$24.95



STREAMLIGHT JR. REACH® LED FLASHLIGHTS

- Machined aircraft aluminum casing with anodized finish is virtually indestructible
- Includes extension cable that allows for 14" of reach
- Flexible cable protected by a durable PVC coating
- C4® LED is impervious to shock and provides up to 55 lumens
- Run time of up to 4 hours of continuous use
- Push-button tail switch - steady on and momentary on/off operation
- O-ring sealed, water-resistant
- Packaged with magnetic clip holder for mounting and positioning
- Includes: 2 AA size alkaline batteries



Model No.	Description	Price /Each
XC248	Streamlight Jr. Reach® LED Flashlight w/Alkaline Batteries, Black	67.36
BATTERIES		
XB872	Replacement Batteries, AA Cell, 24/pkg.	18.08

FLASHLIGHTS & BATTERIES

STINGER®, STINGER® LEDS, POLYSTINGER® & POLYSTINGER® LEDS

- Compact, rechargeable flashlights that are not only durable, but super bright
- Charge time: 10 hours to fully charge; 2.5 hour fast charger model available
- Push button switches on the head for momentary or constant "on-off" switching
- Includes a nickel cadmium battery that is rechargeable up to 1000 times
- Optional accessories: safety wands, 5-unit bank charger, ring holder, holster, PiggyBack® charger, coloured flip lens covers



STINGER®/POLYSTINGER®

- Feature a xenon bulb with an adjustable focus beam that provides over 1 hour of continuous run time
- Includes a spare bulb in the tail cap
- Stinger® is constructed of aircraft machined aluminum with polycarbonate lens
- PolyStinger® is constructed of nylon polymer with non-slip rubber grip

STINGER® LED/POLYSTINGER® LED

- 4 modes of lighting: High, Medium, Low or Strobe
- Features a C4® LED that is impervious to shock and has a 50 000 hour lifetime - never needs to be replaced
- Stinger® LED Run times: High - Up to 2 continuous hours; Medium - Up to 3.75 continuous hours; Low - Up to 6.25 continuous hours; Strobe - 5.5 hours
- PolyStinger® LED run times: High beam - Up to 2 continuous hours; Medium - Up to 3.75 continuous hours; Low - 7.25 continuous hours; Strobe - Up to 5.5 continuous hours
- Stinger® LED constructed of aircraft machined aluminum with polycarbonate lens
- PolyStinger® LED is constructed of super-tough, non-conductive nylon polymer with a non-slip rubber grip

Model No.	Mfg. No.	Description	Lumens/Candlepower	Approvals	Price /Each
XC047	75014	Stinger®	90 lumens; 11 000 CP	UL Class I, II, Div. 2	175.55
XC396	76014	PolyStinger®	90 lumens; 11 000 CP	UL Class I, II, Div. 2	165.36
XC397	75713	Stinger® LED	180 lumens; 17 000 CP	-	202.00
XC480	76163	PolyStinger® LED	185 lumens; 24 000 CP	-	204.14
XC398	75914	Bulb, Stinger®/PolyStinger®	-	-	11.68
XC399	75175	Battery for all 3 models	-	-	26.88



STINGER® LED HP RECHARGEABLE FLASHLIGHTS

- Four modes of lighting: High, medium, low or strobe
- Deep-dish parabolic reflector produces a long-range targeting beam with optimum peripheral illumination to aid in navigation
- Multi-function, head-mounted push button switch
- IPX4-rated design for water resistant operation; impact resistant up to 3 meters
- Includes nickel-cadmium battery, rechargeable up to 1000 times
- All performance claims to ANSI/NEMA standard FL1-2009

Model No. XC761
Mfg. No. 75763
Price/Each \$197.50



1930 L1 LED LIGHTS

- Water resistant light provides a concentrated close quarter beam
- Provides up to 50 000 hours of usage
- Four replaceable LR 44 alkaline coin cells (included)
- Offers up to 130 hours of battery life
- Equipped with a neck lanyard and a handy push button on/off switch
- Colour: Black

APPROVALS

UL Class I, Div. 1, Groups ABCD
IECEX Ex ia IIC T4 IP65

Model No. XB352
Mfg. No. 1930-010-110
Price/Each \$28.06



PROPOLYMER® FLASHLIGHTS

- Waterproof, non-conductive polymer casings
- Easy to use push button momentary or constant "on-off" switching
- XC051 and XC054 feature super bright, 100 000 hour lifetime LEDs
- XC052 and XC055 contain a powerful xenon bulb
- XC053, XC478, XC056 and XC477 contain a super high flux LED with a 10 000 hour lifetime
- XC054, XC055, XC056 and XC477 include batteries
- XC051, XC052, XC053 and XC478 have a spring loaded clip
- XC051, XC054, XC052 and XC055 are CUL Listed Class I, II, Div. 2, Class III and MSHA approved
- XC477 and XC478 are CUL Listed for Class I, II, Div. 1, Class III and MSHA approved
- XC053 and XC056 are CUL Listed for Class I, II, Div. 2, Class III



Model No.	Description	Price /Each
XC051	3 C LED, 336 Hours of Continuous Run Time	61.24
XC052	3 C Xenon, 5.5 Hours of Continuous Run Time	47.97
XC053	3 C Lux LED, Div. 2, Up to 5.5 Hours at Full Intensity	71.46
XC478	3 C Lux LED, Div. 1, 4 Hours at Full Intensity	76.56
XC054	4 AA LED, 155 Hours of Continuous Run Time	43.90
XC055	4 AA Xenon, 4 Hours of Continuous Run Time	39.80
XC056	4 AA Lux LED, Div. 2, Up to 4 Hours with 2 Additional Hours of Declining Usable Light	61.24
XC477	4 AA Lux LED, Div. 1, 4 hours with 2 Additional Hours of Declining Usable Light	66.34

FLASHLIGHTS & BATTERIES

MITYLITE® 2340

- 6 1/4" in length and equipped with a handy tail button switch
- Made of an unbreakable chemical resistant resin with a polycarbonate lens and thermoplastic rubber shroud
- Includes a pre-focused xenon lamp module, shirt clip and 2 AA-cell Energizer® alkaline batteries
- Non-submersible



APPROVALS

CSA	Class I, Div. 2, Groups ABCD, T3C Class II, Div. 2, Group G
FM	Class I, Div. 2, Groups ABCD, T3A
MSHA	10C-637-0
IEC Ex	Ex ib e IIC T4 IP67 IEC Ex TSA 06.0021x



Model No.	Description	Price /Each
XB349	Black	34.10
XB350	Yellow	34.10
XB351	Replacement Bulb	12.33
BATTERIES		
XB872	Replacement Batteries, AA-Cell, 24/Pkg.	18.08

STEALTHLITE™ 2400

- This 4 AA-cell flashlight is water resistant with an unbreakable corrosion proof ABS body & hi-impact polycarbonate lens
- Xenon lamp module gives an unsurpassed white collimated beam
- Has a one handed on/off locking switch plus a heavy-duty lanyard
- Safe to be used in gaseous or electrical hazardous environments
- Colour: Orange



APPROVALS

FM	Class I, Div. 2, Groups ABCD, T3A
MSHA	10C-633-0
CSA	Class I, Div. 2, Groups ABCD, T3C Class II, Div. 2, Group G
UL	Class I, Div. 1, Group D, Zone 1, IIA, T3
Ex (CE)	II 3 GD EEx nL IIC T5 sni 135°C



Model No.	Description	Price /Each
XA026	StealthLite™ 2400	57.00
XA019	Replacement Bulb	21.39
BATTERIES		
XB872	Replacement Batteries, AA-Cell, 24/Pkg.	18.08

ACCESSORIES FOR MITYLITE® & STEALTHLITE™

HELMET LIGHT HOLDERS (XA974)

- Standard Clip
- Fits Pelican™ flashlights 1900, 2250, 2340, 2400



UNIVERSAL HARD HAT KIT (XC364)

- Compatible with most known helmets
- Includes: Multiple hard hat attachments and flashlight mounting brackets
- Fits Pelican™ flashlights, 2300, 2320, 2330, 2340, 2390, 2400, 2410, 2420, 2430, 2450, 2460, 3320, 3330



Model No.	Description	Price /Each
XA974	#700 Open Sided Clip	25.65
XC364	#770 Universal	24.99

MITYLITE™ 2430

- Tough ABS contoured body is water-resistant
- Convenient tail switch allows for easy one-handed operation
- 4 hours of continuous run time
- 32 lumens of xenon light
- Requires 4 AA batteries
- Included clip easily attaches to helmet or hard hat for hands-free operation



APPROVALS

UL	Class 1, Div. 2, Groups CD, T2A
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Model No.	Description	Price /Each
XC076	Yellow	39.13
XC075	Black	39.13
XC077	Replacement Xenon Bulb	8.85
BATTERIES		
XB872	Replacement Batteries, AA-Cell, 24/Pkg.	18.08

MITYLITE™ 1900

- Made of unbreakable space age hi-impact polycarbonate resin
- 4.09" in length
- Xenon lamp module provides 7.0 lumens of power
- Equipped with a shirt clip, making it easy to fit into pockets, purses, tool kits, camera bags or glove compartments
- Submersible with a twist on shroud
- Includes 2 AAA alkaline batteries

APPROVALS

CSA	Class I, Div. 2, Groups ABCD, T3C Class II, Div. 2, Group G
IEC EX	Ex ib e IIC T4 IP67 IEC Ex TSA 06.0021X



Model No.	Description	Price /Each
XA027	MityLite™ 1900	23.10
XA018	Replacement Bulb	9.10

FLASHLIGHTS & BATTERIES

PELILITE™ 1800

- Water resistant flashlight is made of unbreakable ABS material with a hi-impact polycarbonate lens
- Xenon lamp module provides 400% more light
- 2 C-cell batteries not included
- Length 6"
- Colour: Orange

APPROVALS

FM	Class I, Div. 2, Groups ABCD Class II, Div. 2, Group G, T4 10C-628-0
MSHA	Class I, Div. 2, Groups ABCD, T3C
CSA	Class II, Div. 2, Group G Class I, Div. 2, Group D, Class I, Zone 2, Group IIA, T3
UL	



Model No.	Description	Price /Each
XA034	PeliLite™ 1800	45.15
XA017	Replacement Bulb	21.25
BATTERIES		
XB874	Batteries, C-Cell, 12/pkg.	19.50

SABRELITE® 2000

- Watertight to 500 feet
- Made out of unbreakable ABS material with a hi-impact polycarbonate lens
- Has an exclusive state-of-the-art xenon lamp module that produces a tightly focused collimated white light beam with 33 lumens of power
- Safe to be used in gaseous or electrical hazardous environments
- Requires 3 C-cell (batteries not included)
- Length: 7.79"
- Includes: Belt spring clip, stainless steel split ring and black lanyard



APPROVALS

FM	Class I, II, Div. 2, Groups ABCD/G, T3C
MSHA	10C-629-2
CSA	Class I, Div. 2, Groups ABCD, T3C Class II, Div. 2, Group G
IEC EX	Ex ib e IIC T4 IP67
UL	Class I, Div. 1, Groups CD, Class I, Zone I, Groups IIA, IIB, T3C



Model No.	Description	Price /Each
XA129	Yellow	57.20
XA130	Black	57.20
XA012	Replacement Bulb	22.28

M10 8040 TACTICAL™ LIGHTS

- Body is made of Xenoy® with unbreakable hi-temperature nylon lens
- Sure grip sheath and head made of thermoplastic rubber, resists chemicals and perspiration
- Pre-focused xenon beam
- O-ring sealed
- Requires 4 C-cell alkaline batteries
- Length: 11.25"
- Colour: Black



APPROVALS

CSA	Class I, Div. 2, Groups ABCD, T3C Class II, Div. 2, Groups FG -35° to +40°C
MSHA	10C-649-0
FM	Class I, Div. 2, Groups ABCD, T3A Class II, III, Div. 2, Groups FG, T4
UL	Class I, Div. 2, Group D, T3A
IEC EX	Ex ib e IIC T3 IP50 IEC Ex TSA 06.0021X



Model No.	Description	Price /Each
XA971	M10 8040 Tactical Light, 4 C-Cell	79.29
XA972	Replacement Bulb	24.59
BATTERIES		
XB874	C-Cell, 12/Pkg.	19.50

RECOIL™ LED FLASHLIGHTS

- Cutting edge Recoil™ LED Technology™, up to 33 times brighter than regular LED lights
- Focuses the light by firing backwards; 100% of the light is captured and reflected forward
- Tested lumen value: 32

SABRELITE™ 2010 RECOIL™ LED

- Rugged, lightweight Xenoy® body
- White collimated beam as bright as an incandescent light
- Submersible to 500 feet



XC062

Approvals

CSA	Class I, Div. 1, Group D Class I, Div. 2, Groups ABCD Class II, Div. 2, Groups FG, T3C
US FM C	Class I, Div. 1, Group D Class I, Div. 2, Groups ABCD Class II, III, Div. 1, Groups FG

STEALTHLITE™ RECOIL™ LED

- ABS body with polycarbonate lens
- One-handed safety switch operation
- Submersible to 500 feet



XC066

Approvals

FM	Class I, Div. 2, Groups ABCD, T4A Class II, Div. 2, Groups FG
----	--

LITTLE ED™ 3610 RECOIL™ LED

- ABS body with polycarbonate lens
- Powerful right angle flashlight
- Water resistant
- One-handed safety switch operation



XC072

Approvals

FM	Class I, Div. 2 Groups ABCD T4A Class II, Div. 2 Groups FG
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Model No.	Description	Price /Each
SABRELITE™ 2010 RECOIL™ LED		
XC061	Black	93.37
XC062	Yellow	93.37
XC064	Yellow Traffic Wand	18.75
XC065	Orange Traffic Wand	18.75
STEALTHLITE™ 2010 RECOIL™ LED		
XC066	Black	92.36
XC067	Yellow	92.36
LITTLE ED™ 3610 RECOIL™ LED		
XC072	Black	104.40
XC073	Yellow	104.41

FLASHLIGHTS & BATTERIES

BIG ED™

3700 ALKALINE & 3750 RECHARGEABLE

- New right angle flashlight specifically designed for firefighters
- Made of unbreakable chemical resistant *Xenoy*® with a polycarbonate lens and thermoplastic rubber shroud
- Momentary and constant on/off switch
- Features the quick change battery ejection system and spare emergency lamp
- Water resistant
- Length: 7"
- Colour: Yellow

3700 ALKALINE

- Requires 4 C-cell alkaline batteries

3750 RECHARGEABLE

- Complete with a 4 C NiCad battery pack

APPROVALS

UL Class I, Div. 2, Groups ABCD, T2B



Model No.	Mfg. No.	Description	Price /Each
XB354	3700-001-245	Big Ed™ Alkaline	146.59
XB355	3750-001-245	Big Ed™ Rechargeable	282.76

XB354



XB355

SURVIVOR® LED

- Brightest right-angle LED flashlight available
- Features a C4° LED with a 379 m. range and optimal peripheral illumination
- LED produces up to 140 lumens and has a 50 000 hour lifetime
- Raised 3-position push button switch features: High, Low and Strobe modes
- Run Times: High - Up to 3.5 hours; Low - Up to 13 hours
- Constructed of high-impact, super-tough nylon for durability and o-ring sealed for water-resistance
- Unbreakable polycarbonate lens with silicone anti-scratch coating
- Rechargeable models also include alkaline battery pack (alkaline batteries not included)
- Operates on 4 AA alkaline or rechargeable NiCad battery pack
- Serialized for easy identification
- UL Approved for Class I, Div. 1, Groups C, D; Class I, Div. 2, Groups A, B, C, D; Class II & III, Div. 2 (Alkaline & Rechargeable)



Model No.	Mfg. No.	Description	Colour	Price /Each
XC400	90513	Survivor® LED Rechargeable	Yellow	213.33
XC401	90503	Survivor® LED Rechargeable	Orange	213.33
XC402	90540	Survivor® LED Alkaline	Orange	95.95
XC403	90541	Survivor® LED Alkaline	Yellow	95.95
XC404	90338	NiCad Battery Pack (Rechargeable), Div 2	-	60.78
XC405	90542	Alkaline Battery Pack	-	6.46



XC401

XC403



KNUCKLEHEAD® LED FLASHLIGHTS

- High-impact super-tough nylon offering exceptional durability
- Super-bright C4° LED is impervious to shock and has a 50 000 hour lifetime
- IPX-rated for water resistant operations
- Sealed O-ring
- Full 360° rotation head with 210° of articulation
- Removable magnet with 135-lb. pull strength and integrated hook
- Lens is an unbreakable polycarbonate with silicone anti-scratch coating and is assembled in a heavy-duty bezel
- Charger meets requirements of NFPA 1901-14.1.11.2 (2003) mounted in any position



XC766

XC767



Model No.	Mfg. No.	Description	Battery	Price /Each
XC766	90627	Knucklehead® Flashlight – Yellow	Industrial Rechargeable Nickel-Cadmium 4.8 V Can be Charged Up to 1000 Times	233.30
XC767	90642	Knucklehead® Flashlight – Yellow	4 AA Alkaline Non-Rechargeable Battery Pack	127.70
XC768	90657	Knucklehead® Flashlight – Orange	Industrial Rechargeable Nickel-Cadmium 4.8 V Can be Charged Up to 1000 Times	233.30
XC769	90644	Knucklehead® Flashlight – Orange	4 AA Alkaline Non-Rechargeable Battery Pack	127.70

ACCESSORY

XC823	90400	Bank of 4 Chargers 120 V AC for XC766 – XC769	417.50
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LED FLEX-NECK FLASHLIGHTS

- Work hands free in bright LED light; magnetic base attaches to any metal surface
- 15" flexible neck directs 45 lumens of bright LED light
- Aerospace grade aluminum no-slip body is hard anodized for extreme durability
- Push button on/off tail switch allows for easy operation
- 15 hours of burn time on 2 AA batteries (not included)

Model No. XC517
Mfg. No. 2365-010-110
Price/Each \$70.30



REPLACEMENT BATTERY

Model No. XB872
Mfg. No. 30-1042J
Price/Each \$18.08



Call us for all
your Instrument
& Electrical
requirements!



FLASHLIGHTS & BATTERIES

E-FLOOD® LITEBOX® RECHARGEABLE LANTERNS

- Produces up to 4000 candelas and has 615 lumens
- IPX4-rated design for weather resistant operation
- Fits existing *Streamlight LiteBox®* racks
- Battery is a zero maintenance 6 V, 12 Ah sealed lead acid and is rechargeable up to 500 times
- Red and green LEDs provide charge status
- All performance claims to ANSI/NEMA FL1-2009 standards
- Charge rack meets requirements of NFPA standard 1901-14.1.11.2 (2003) mounted in any position



XC757



XC758



Model No.	Mfg. No.	Description	Colour	Price /Each
XC757	45801	E-Flood® LiteBox® Rechargeable Lantern	Orange	293.00
XC758	45821	E-Flood® LiteBox® Rechargeable Lantern	Yellow	293.00

E-SPOT LITEBOX® RECHARGEABLE LANTERNS

- Uses three LEDs and deep-dish parabolic reflectors to produce a large spot pattern
- Run Times: High - up to 7 continuous hours; Low - up to 15 continuous hours
- Produces up to 55 000 candelas and has 540 lumens
- IPX4 rated design for weather resistant operation
- Fits existing *Streamlight LiteBox®* racks
- Includes 6 V, 12 Ah sealed lead acid rechargeable battery; rechargeable up to 500 times



XC759



XC760



Model No.	Mfg. No.	Description	Colour	Price /Each
XC759	45851	E-Spot® LiteBox® Rechargeable Lantern	Orange	264.60
XC760	45871	E-Spot® LiteBox® Rechargeable Lantern	Yellow	264.60

LITEBOX® LANTERNS

- Made of high impact ABS thermoplastic with rubberized bumper, lens ring and cushioned grip handle
- "Smart" power failure system (XC048) turns on automatically when the power goes off
- Rechargeable up to 500 times
- High intensity 8W spot halogen lamp produces up to 80 000 candlepower for 9 hours of continuous run time per charge
- Includes: 120V AC charge cord, 12V DC charge cord and mounting rack



XC050



XC048



Model No.	Mfg. No.	Description	Price/Each
XC048	45133	Power Failure System	239.86
XC050	45116	Lantern with Shoulder Strap	226.60

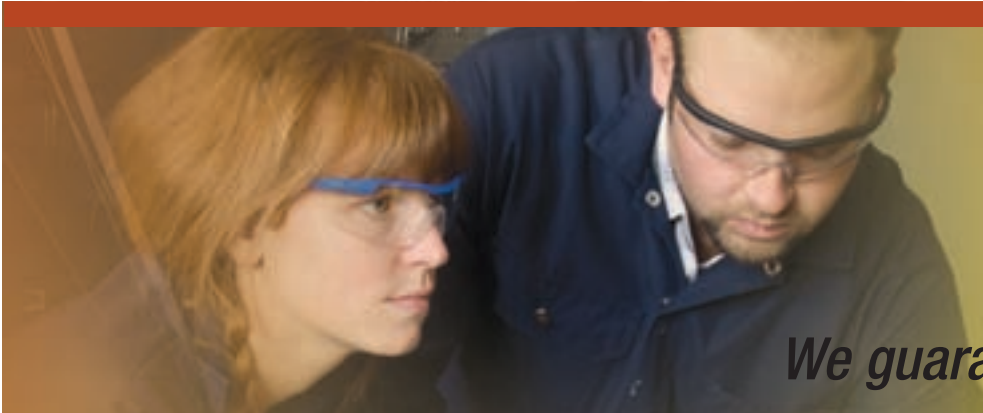
HID LITEBOX® LANTERNS


- One million candlepower rechargeable search light illuminates objects up to 1 mile away
- Constructed of high impact ABS thermoplastic with elastomer impact bumper and cushioned grip handle
- Contains one 35 watt HID Xenon lamp and two 5 mm 100 000 hour lifetime LEDs
- Xenon lamp produces up to 1 000 000 candlepower (3350 lumens) for up to 1.75 hours between charges
- Two navigation LEDs produce up to 9 lumens each for up to 100+ hours per charge
- Deep dish parabolic reflector produces a long range, high intensity, focused beam
- Fully articulating head can be aimed precisely at target
- Has the intensity and peripheral illumination to light up an entire scene, construction site and remote equipment
- Zero maintenance 12V, 7.2Ah sealed lead acid battery is rechargeable up to 500 times
- Fits existing *LiteBox®* charge racks



Model No. XC407
Mfg. No. 45601
Price/Each \$876.76







We guarantee your safety!

FIRE VULCAN® LED

- Lightweight, waterproof lantern features super bright C4® LED technology and two blue taillight LEDs that provide illumination both in front of and behind the lantern
- C4® LED produces up to 80 000 Candela (Peak Beam Intensity), is impervious to shock and has a 50 000 hour lifetime
- The 2 ultra-bright blue taillight LEDs can be seen through thick smoke
- Run Times: Steady LED and taillights - Up to 3 hours to the 10% output level (High) and up to 7 hours (Low)
- 8 total programmable functions - 4 functions when toggle switch in "left" position and 4 functions when toggle switch is in "right" position
- Deep-dish parabolic reflector produces a tight beam with optimum peripheral illumination
- IPX7 rated design - waterproof to 1 meter for 30 minutes
- Raised handle and toggle "on-off" switch ensure ease of use with a gloved hand
- Super lightweight lithium ion battery recharges in 5 hours
- Serialized for positive identification
- Includes shoulder strap, AC/DC charge cords and charging rack

Model No. XC406
Mfg No. 44450
Price/Each \$286.81



KINGLITE™ 4000

- 12 V, 14 W
- Unbreakable ABS body with a high impact polycarbonate
- Dual filament xenon back-up safety lamp with 30 hours of light in each filament
- Battery protection system that protects batteries from hard abuse
- Multi-position handle
- Complete with xenon lamp module and lanyard
- Non-submersible
- Operates 10-12 hours on 8 D-cell alkaline batteries (not included)
- Length: 9 3/8"



APPROVALS

FM Class I, Div. 2, Groups CD, T1
 CSA Class I, Div. 2, Groups ABCD, T3C
 Class II, Div. 2, Group G



Model No.	Description	Price /Each
XA112	Modified Spot™ - Black	159.87
XA114	Modified Spot™ - Yellow	159.87
XA029	Replacement bulb	27.80
BATTERIES		
XB875	Batteries, D-Cell, 12/pkg.	21.60

WAYPOINT® PISTOL GRIP SPOTLIGHTS

- C4® LED technology, with a 50 000 hour lifetime
- Three modes of lighting: High, low and emergency signal
- IPX4 rated design for water resistant operation
- Integrated stand for hands-free scene lighting
- Unbreakable polycarbonate lense
- Sealed O-ring



XC764



XC765



Model No.	Mfg. No.	Description	Price /Each
XC764	44900	Waypoint® Spotlight - Yellow	91.90
XC765	44902	Waypoint® Spotlight - Black	91.90

2 000 000 CANDLEPOWER SPOTLIGHTS

- Quartz halogen beam technology for maximized beam power and distance
- Durable black ABS housing and non-skid rubber bezel
- 12-volt, 2.8 amp battery/100-watt quartz halogen bulb
- XC385 features an internal, memory-free rechargeable battery with 15-20 minutes operating time on a full charge and comes with 110-volt & 12-volt charging cords, and a 12-volt cord for continual powered operation
- XC408 operates from any standard 12V cigarette lighter receptacle

Model No.	Mfg. No.	Description	Price /Each
XC385	QR-2002	Cordless Rechargeable Spotlight	96.47
XC408	QH-2002	Corded Spotlight w/ 12 V Plug	57.57



FLASHLIGHTS & BATTERIES

POLYTAC 90™ LED COMPACT LIGHTS

- High-impact, super tough nylon offering exceptional durability
- Super-bright C4® LED is impervious to shock and has a 50 000 hour lifetime
- IPX rated design; waterproof to 1 m for 30 minutes
- Lens is glass and gasket sealed
- 90° head, integrated carabineer style D-ring for a variety of attachment methods fully rotatable/reversible/removable clip to allow for a variety of mounting positions
- Head-mounted, push-button switch provides one-handed momentary or constant on operation
- Gear Keeper tool lanyard tether features spectra nylon line with 36" extension 6 oz. retraction force
- Includes two 3 V CR123A Lithium batteries



Model No.	Mfg. No.	Description	Colour	Price /Each
XC775	88831	PolyTac 90™ LED Compact Light	Yellow	78.10
XC774	88832	PolyTac 90™ LED Light w/ Gear Keeper	Orange	96.40
XC776	88833	Gear Keeper Tool Lanyard	Black	20.40

PROTAC® PROFESSIONAL TACTICAL LIGHTS

- 6000 Series machined aircraft aluminum with anodized finish
- Super bright C4® LED is impervious to shock and has a 50 000 hour lifetime
- LED solid state power regulation provides maximum output throughout battery life
- IPX rated design; waterproof to 1 m for 30 minutes
- Includes batteries and holster
- Meets the European Community directives



Model No.	Mfg. No.	Description	Battery	Price /Each
XC770	88030	ProTac® 1 L	One 3 V Lithium	66.10
XC771	88031	ProTac® 2 L	Two 3 V Lithium	73.50
XC772	88032	ProTac® 1 AA	1 AA Alkaline	62.50
XC773	88033	ProTac® 2 AA	2 AA Alkaline	64.30

POLYTAC™ LED TACTICAL LIGHTS

- High-impact, super-tough nylon polymer with a leather topcoat for exceptional durability and a sure grip
- Super bright C4® LED is impervious to shock and has a 50 000 hour lifetime
- IPX rated design, waterproof to 1 m for 30 minutes
- LED solid state power regulation provides maximum output throughout battery life
- Bright yellow colour for high visibility
- Includes: Two 3 V CR123A lithium batteries
- Meets requirements of NFPA standard 1971-8.6 (2007)



Model No. XC777
Mfg. No. 88853
Price/Each \$59.70



MINI LED FLASHLIGHTS

- Nine ultra bright LED lights
- High-strength aluminum casing
- On/Off switch
- Lightweight design
- Rugged impact resistant housing
- Includes wrist strap
- Certified for sale in Canada by an accredited certification body



Model No. XC659
Price/Each: \$31.30

RECHARGEABLE SPOTLIGHTS & LANTERNS

- 19 LED spotlight and 24 LED lantern
- Warning lamp and multi-functional handle
- Lightweight design
- Rugged impact resistant housing
- 2.5 million candle power
- 8-10 hour run time with full charge
- Includes: 110 V adaptor and 12 V car plug
- Certified for sale in Canada by an accredited certification body



Model No. XC666
Price/Each \$62.75

RECHARGEABLE SPOTLIGHTS

- 19 super bright LED lights
- Lightweight design
- Rugged impact resistant housing
- 2.5 million candle power
- 10-hour run time with full charge
- Comes with 110 V adaptor and 12 V car plug
- Certified for sale in Canada by an accredited certification body

Model No. XC668
Price/Each \$43.75



RECHARGEABLE SPOTLIGHTS

- 27 LED spotlight and 12 LED lights on the rim
- Lightweight design
- Rugged impact resistant housing
- 4.5 million candle power
- Foldable stand
- 4-5 hour run time with full charge
- Includes: 110 V adaptor and 12 V car plug
- Certified for sale in Canada by an accredited certification body

Model No. XC667
Price/Each \$67.50



INDUSTRIAL SAFETY FLASHLIGHTS

- Chemical, grease and impact resistant
- Shatterproof lens
- Ribbed non-slip, non-roll barrel
- Also available in lantern type style for easy handling
- CSA certified Class 1, Group C and D, Class 2 Group G
- Batteries not included



Energizer

Model No.	Batteries	Wt. lbs.	Price/Each
XA396	2 D-Cell	0.45	12.05
XA398	One 6 V Spring	1.0	29.39

INDUSTRIAL FLASHLIGHTS

- Super tough body resists grease and chemicals
- Bright yellow colour for high visibility
- Easy-to-operate switch
- Shatterproof lens
- Ribbed non-slip, non roll barrel
- Batteries not included



Energizer

Model No.	Batteries	Wt. lbs.	Price/Each
XA393	2 AA-Cells	0.1	6.05
XA394	2 D-Cells	0.4	7.61

WEATHERPROOF FLOATING LANTERNS

- Weatherproof
- 6 V spring battery or 4 D batteries not included

Model No. XA405

Mfg. No. 1700

Price/Each \$13.49

REPLACEMENT BATTERIES

Model No. XB875 D-cell, 1.5 V, 12/pkg.

Price/Pkg \$21.60

Model No. XA430 6V spring

Price/Each \$14.65



Energizer

RECHARGEABLE SPOTLIGHT

- Powerful halogen bulb
- Lightweight design
- Rugged impact-resistant housing
- 2.5 million candle power
- Visibility 10 times further than LED
- 30-minute run time with full charge
- Includes: 110 V adaptor and 12 V car plug
- Certified for sale in Canada by an accredited certification body

Model No. XC665

Price/Each \$40.50



TWIN-TASK® LED FLASHLIGHTS

- Super bright C4® LED is impervious to shock and has a 50 000 hour lifetime
- Unbreakable polycarbonate lens
- IPX4 rated for water-resistant operation, all openings are O-ring sealed, 1 meter impact resistance tested and wrist lanyard included

TWIN-TASK® 3 AAA LASER LED

- Features: 2 hr 45 min on one LED, 5 hr 15 min on five LEDs
- Battery: 3 AAA size alkaline batteries, Output: One LED - 100 lumens, five LEDs - 68 lumens
- Pre-focused visible red laser cartridge, laser output: Useable range of over 100 yards when using laser pointer only; over 100' when in laser/C4® LED combo position

TWIN-TASK® 3 C LED

- Features: Runtime 26 hrs on one LED, 72 hrs on three LEDs and 48 hrs on six LEDs
- Battery: 3 C size alkaline batteries, Output: One LED - 180 lumens, three LEDs - 50 lumens, six LEDs - 80 lumens



STREAMLIGHT
Heroes Trust Streamlight

Model No.	Mfg. No.	Description	Price /Each
XC762	51043	Twin-Task® 3 AAA LED	59.70
XC763	51039	Twin-Task® 3 C LED	59.70

HEAVY-DUTY RUBBER FLASHLIGHTS

- Durable rubber construction
- Ribbed body for sure grip
- Water and shock resistant
- Push-button switch for easy handling
- Uses 2 D-cell batteries, not included

Model No. SJ148

Price/Each \$10.20



REPLACEMENT BATTERIES

Model No. XB875 D-cell, 12/pkg.

Price/Each \$21.60

Energizer

CONTRACTOR® SERIES INTRINSICALLY SAFE LIGHTS

- Designed to meet the needs of hazardous work environments by combining the major performance advantages of LED without sacrificing brightness
- Chemical-resistant, anti-static polyethylene construction
- Carabiner belt hook on tall cap
- Survives 7' drop test
- CUL 913 Certified Intrinsically Safe for Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III
- CAN/CSA C22.2 No. 157-92
- IEC 60529 waterproof and dustproof
- Batteries not included



Energizer

Model No.	Description	Avg life	Batteries Required	Price /Each
XC324	Three White Nichia CS, 18 Lumens	20 hrs	2 AA Alkaline	22.06
XC325	One 1-W Luxeon White, 45 Lumens	70 hrs	2 D Alkaline	42.14

FLASHLIGHTS & BATTERIES

HARD CASE PROFESSIONAL™ LED INSPECTION LIGHTS

- Bright Cree® 1/2 W LED delivers 30 lumens
- Slim and compact size
- Survives a 15' drop
- Shatterproof lens
- Water resistant
- Impact resistant rubber head and tail with no slip grip
- Lifetime push button switch
- Includes: 2 long lasting AAA Energizer® alkaline batteries

Model No. XC466
Mfg. No. TUFPL22PLE
Price/Each \$24.27

REPLACEMENT BATTERY

Model No. XB873
Price/Each \$23.06



HARD CASE PROFESSIONAL™ 4 LED SWIVEL LIGHTS

- Bright white 3 W Cree® LED delivers 80 lumens
- 3 Nichia LED's -2 red for night vision, 1 green for pipe inspection
- Rugged shatterproof lens
- Survives 25' drop
- 4-hour runtime
- Push button trigger switch
- Integrated belt clip
- Impact resistant rubber case
- Includes: 2 long lasting Energizer® alkaline AA batteries

Model No. XC465
Mfg. No. TUF5W21PH
Price/Each \$39.22

REPLACEMENT BATTERY

Model No. XB872
Price/Each \$18.08



HARD CASE PROFESSIONAL™ 2 AA FLASHLIGHTS

- Survives 30' drop test
- Weatherproof
- Shatterproof lens
- Impact resistant steel plate bolted sides
- 3 Nichia LEDs
- 30-hour run time
- Includes: 2 long lasting AA Energizer® alkaline batteries

Model No. XC234
Mfg. No. TUF2AAPE
Price/Each \$22.06

REPLACEMENT BATTERY

Model No. XB872
Price/Each \$18.08



Energizer

HARD CASE PROFESSIONAL™ FLASHLIGHTS

- Survives 15' drop test
- Weatherproof
- Shatterproof lens
- Impact resistant steel plate bolted sides
- 4 Nichia LEDs
- 17-hour run time
- Includes: 4 long lasting AA Energizer® alkaline batteries

Model No. XC235
Mfg. No. TUF4AAPE
Price/Each \$27.94

W/ SWIVEL HEAD

Model No. XC236
Mfg. No. TUF421PE
Price/Each \$34.31

Energizer



REPLACEMENT BATTERY

Model No. XB872
Price/Each \$18.08

HARD CASE PROFESSIONAL™ SPOT LANTERNS

- Survives 15' drop test
- Weatherproof
- Shatterproof lens
- Impact resistant steel plate bolted sides
- 3-watt Luxeon® LED
- 30-hour run time
- Includes: 4 long lasting C Energizer® alkaline batteries

Model No. XC237
Mfg. No. TUF4CPE
Price/Each \$42.16

REPLACEMENT BATTERY

Model No. XB874
Price/Each \$19.50



Call us for
quantity pricing!



ENERGIZER® BATTERIES

Model No.	Mfg. No.	Description	Qty /Pkg.	Price /Pkg.
ALKALINE INDUSTRIAL PACKAGING				
XB873	EN92	AAA/1.5 V	24	23.06
XB872	EN91	AA/1.5 V	24	18.08
XB874	EN93	C/1.5 V	12	19.50
XB875	EN95	D/1.5 V	12	21.60
XB876	EN22	9 V	12	35.15
ALKALINE				
XC001	E96BP2	AAAA/1.5 V/ E2	2	6.86
XA430	529	Lantern, 6 V, Spring	1	14.65
XB996	A76BP2	1.5 V, Instruments	2	2.40
SILVER OXIDE				
XB992	357BP	1.5 V, 11,6 mm x 5.4 mm	1	1.80
XB993	377BP	1.5 V, 6,8 mm x 2.6 mm	1	2.80
XB994	392BP	1.5 V, 7,9 mm x 3.6 mm	1	1.59
LITHIUM				
XC002	ECR2016BP	Coin Type, 3 V	1	3.43
XC003	ECR2025BP	Coin Type, 3 V	1	3.43
XC004	ECR2032BP	Coin Type, 3 V	1	1.80
XC005	ECR2450BP	Coin Type, 3 V	1	4.33
XC006	EL123APBP	Photo, 3 V	1	4.51
XC007	EL1CR2BP	Photo, 3 V	1	16.43
XC008	EL223APBP	Photo, 6 V	1	16.03
XC009	EL2CR5BP	Photo, 6 V	1	16.43
XC012	L91BP2	AA/1.5 V	2	10.92
XC013	L91BP4	AA/1.5 V	4	20.94
XC015	L92BP2	AAA/1.5 V	2	12.99
NIMH RECHARGEABLE				
XC016	NH12BP2	AAA	2	15.69
XC017	NH15BP4	AA	4	27.12
XC018	NH22NBP	9 V	1	19.80
XC019	NH35BP2	C	2	19.80
XC020	NH50BP2	D	2	19.80
GARAGE DOOR				
XB995	A23BP	12 V	1	3.33

Energizer®

ALKALINE



XB872



XB875



XB876

ALKALINE



XC001

SILVER OXIDE



XB992



XC010

LITHIUM



XC012



XC015



XC007



XC008

BATTERY CHARGERS

- XB997 comes with 4 AA NIMH batteries;
- XC939 comes with 4 AA NH15 batteries
- Can charge AA or AAA batteries
- Ideal for travelling and digital cameras
- Certified for sale in Canada by an accredited certification body



XB997



XC939

Model No.	Mfg. No.	Description	Charge Time	Price /Each
XB997	CH15MNCP4	Wall & Car	15 Minutes	86.92
XC939	CHP4WB4	Overnight, Compact	8 Hours	52.85

NiMH RECHARGEABLE



XC017



XC016



XC019



XC018



XB995

GARAGE DOOR

Look for this symbol



for environmentally friendly products!