

Heat Stress Lynk

Wet Bulb Globe Temperature Meter

SensorLynx® is a revolutionary monitoring system which measures a variety of workplace hazards with one common system. This versatile monitor can be expanded by linking from one to ten application specific modules via snap-on or cable (for remote monitoring). The Heat Stress Lynk module measures, according to legislated practices, human occupational heat stress exposure. The measurements used are the indoor and outdoor Wet Bulb Globe Temperature (WBGT), based on the American Conference of Governmental Industrial Hygienists (ACGIH) threshold limit values.

The easy to operate, handheld unit gives direct reading of outdoor and indoor WBGT, WB, DB or GT Vernon Globe equivalent temperatures. It calculates time weighted mean WBGT and metabolic rates, work rest ratios and calculates metabolic rates and clothing type factors. Remote sensing capability is available with extension cables.

SensorLynx Comes Complete With: BaseLynk with Battery Pack, RS232 Data Cable, Power Adapter/Charger, Heat Stress Lynk with 3 sensors, Wet Bulb Kit and Water Bottle, Carrying Case, Datalogging Software, Manual, Certificate of Calibration.

Specifications:

Sensors: **Globe Temperature:** Patented construction provides characteristics identical to 6" Vernon Globe

Dry Bulb: Ambient Air Temperature

Wet Bulb: Wick-covered sensor with reservoir, wetted with deionized or distilled water

Operating Temperature Range: 0° C to 70° C (32°F to 158°F) (full kit)
-20°C to 85°C (-4°F to 185°F) (sensor module remoted)

Operating Humidity: 5 to 95% RH

Dimensions: 6.2"W x 7.9"H x 3.3"D, 1.46lbs

Power Source: Rechargeable 2,700mAh Ni-MH battery gives 60 hours of continuous operation when fully charged. Charger plugs into monitor. May also be powered by an AC plug adapter

Compliance: Intrinsically Safe, Class 1, Division 1, Groups A,B,C,D



Part Number	Description
IA-SL-K1002	Heat Stress Lynk Kit

Environmental Heat Stress Monitor

Wet Bulb Globe Temperature Meter (WIBGET)

The WIBGET offers protection for workers by monitoring the temperature conditions that cause heat stress. The lightweight, microprocessor based unit gives direct reading of outdoor and indoor WBGT, WB, DB or GT Vernon Globe equivalent temperatures. It calculates time weighted mean WBGT and metabolic rates as well as work rest ratios.

Meter Comes Complete With: Meter Unit, Sensors, Carry Case, Water Bottle, Wet Bulb Kit, Demineralizer, Owner Instruction Manual, Function Check Plug, Battery, Charger, Windows Software with Data Logger Version.

Specifications:

Sensors: **Globe Temperature:** Patented construction provides characteristics identical to 6" Vernon Globe

Dry Bulb: Ambient Air Temperature

Wet Bulb: Wick-covered sensor with reservoir, wetted with deionized or distilled water

Dimensions: 6.2"W x 3.75"H x 1.75"D, 12 oz.

Power Source: Rechargeable 9V Ni-Cad battery, ~17 hours continuous operation – unit can operate while charging

Compliance: Intrinsically Safe, CSA STD C22.2 No. 157-M1987



Part Number	Description
IA-RSS-214	Environmental Heat Stress Monitor

Reliable Flowmeter without the Price!



Variable Area Flowmeter

Industrial High Flow

The Variable Area Flowmeter is the most inexpensive and reliable of the flow measurement instruments. With a clear acrylic body, stainless steel float, Buna-N seals and PVC fitting, the Industrial High Flowmeter is a durable one-piece design for rugged applications. It gives direct reading for air and liquids in easy to read english or metric scales.

Specifications:

Maximum Operating Pressure: 100 psi

Maximum Operating Temperature: (65°C) 150°F

Accuracy: ±2% Full Scale

Variable Area Flowmeter

Part Number	Description
BN-GF-5050	Industrial High Flowmeter, 3 – 25 SCFM Air
BN-GF-5051	Industrial High Flowmeter, 4 – 50 SCFM Air
BN-GF-5052	Industrial High Flowmeter, 10 – 100 SCFM Air
BN-GF-5053	Industrial High Flowmeter, 100 – 700 SLPM Air
BN-GF-5054	Industrial High Flowmeter, 100 – 1400 SLPM Air
BN-GF-5055	Industrial High Flowmeter, 400 – 3400 SLPM Air

• Please choose from either in-line or panel mount when ordering

Mini Thermo-Anemometer

The Mini Thermo-Anemometer gives a dual read-out of Air Velocity and Temperature or Windchill. Its fold up water resistant protective housing extends to 9" for better reach. It comes complete with a CR2032 lithium battery and lanyard.

Specifications:

Measurements: 100 – 5500 ft/min, 20 ft/min resolution

0.5 – 28 m/s, 0.1 m/s resolution

Temperature: -18 to 50°C (0 to 50°F)

Dimensions: 5.25" x 2.75" x 0.75", 3 oz.

Mini Thermo-Anemometer

Part Number	Description
EX-45118	Mini Thermo-Anemometer
EX-45119	Spare Mini Impeller Assembly



Fits In Your Pocket!



Heavy Duty Vane Thermo-Anemometer

The Heavy-Duty Vane Thermo-Anemometer gives a simultaneous display of air velocity and temperature. The microprocessor assures maximum accuracy plus special functions. It has a built-in RS-232 PC serial interface with optional Data Acquisition software and Datalogger. It comes complete with 9V battery and protective holster with stand. Instrument with NIST certificate available.

Specifications:

Measurements: 80 – 4925 ft/min

0.4 – 25m/s

Temperature: 0 to 60°C (32 to 140°F)

Accuracy: 2% Velocity accuracy via low friction ball bearing vane wheel on 39" cable

Dimensions: 7" x 2.9" x 1.3", 1.6 lbs

Heavy Duty Vane Thermo-Anemometer

Part Number	Description
EX-407112	Heavy Duty Thermo-Anemometer
EX-156119	117VAC Adapter
EX-140001	Hard Vinyl Carrying Case with Handle
EX-407001	Data Acquisition Program and Cable
EX-380340	Battery Operated Datalogger Module



Heavy Duty Hot Wire Thermo-Anemometer

The Heavy-Duty Hot Wire Thermo-Anemometer accurately measures air speed and temperature in ducts and ventilating systems. It has a built-in RS-232 PC serial interface with optional Data Acquisition software and Datalogger. It comes complete with 37" telescoping probe with 40" cable, six AAA batteries and protective holster. Instrument with NIST certificate available.

Specifications:

Measurements: 40 – 3940 ft/min, 10 ft/min resolution

0.2 – 20.0 m/s, 0.1m/s resolution

Temperature: 0 to 50°C (32 to 122°F)

Accuracy: 2% Velocity accuracy via low friction ball bearing vane wheel on 39" cable

Dimensions: 7" x 2.9" x 1.3", 17 oz.

Heavy Duty Hot Wire Thermo-Anemometer

Part Number	Description
EX-407123	Heavy Duty Hot Wire Thermo-Anemometer
EX-140001	Hard Vinyl Carrying Case with Handle
EX-407001	Data Acquisition Program and Cable
EX-380340	Battery Operated Datalogger Module



Intrinsically Safe Thermo Anemometers, Models 9880 & 9850

The Models 9880 & 9850, both intrinsically safe, are pocket thermo-anemometers consisting of a 3" retractable probe. The 9880 is a digital display, while the 9850 is an analog meter. Each can be used in just about any environment, including fume hood monitors, spray booths, ventilation systems and more.

Specifications:

Measurements: 9880: 25 – 2000 fpm
9850: 0 – 300 fpm and 0 – 2000 fpm
Temperature: 0 to 50°C (32 to 122°F)
Dimensions: 5.4" x 2.8" x 1.2", 8 oz.
Compliance: UL listed for Intrinsic Safety

Intrinsically Safe Thermo Anemometers

Part Number	Description
AL-9880	9980 Intrinsically Safe Thermo Anemometer, Digital
AL-9850	9980 Intrinsically Safe Thermo Anemometer, Analog

Soil/Compost Thermometer

Specifically designed for monitoring interior temperature of compost piles and soil. These stem thermometers are accurate within $\pm 1\%$ of full scale and feature a bimetal helix for safe and reliable readings. The instrument is constructed of stainless steel for durability and is hermetically sealed to keep out moisture. An unbreakable plastic crystal covers the easy-to-read 3" diameter dial and pointer. An external calibration adjustment is featured which allows easy setting, if needed.

Specifications:

Standard Temperature Range: -17 to 94°C (0 to 200°F), Other Temperature Ranges Available

Head Diameter: 3"

Stem Diameter: 1/4" or 5/16" for stem lengths greater than 36"

Soil/Compost Thermometer

Part Number	Description
REO-A24P	24" Long Bimetal Thermometer, 1/4"
REO-A36P	36" Long Bimetal Thermometer, 1/4"
REO-A48P	48" Long Bimetal Thermometer, 1/4"
REO-A36PF	36" Long Bimetal Thermometer, 5/16"
REO-A48PF	48" Long Bimetal Thermometer, 5/16"
REO-A60PF	60" Long Bimetal Thermometer, 5/16"
REO-A72PF	72" Long Bimetal Thermometer, 5/16"



Reliable & Most Affordable



Extech Dial Stem Thermometers

The Extech Dial Stem Thermometers are °C/°F switchable with high resolution to 0.1° for use in liquids and semi-solids. Model 392050 has a range of -50 to 150°C (-58 to 302°F) whereas Model 392055 with alarm has a range of -50 to 300°C (-58 to 572°F). They both consist of a 2" digital dial with a 5" stainless steel probe. It includes plastic protective sheath with pocket clip and 1.5V button battery.

Extech Dial Stem Thermometers

Part Number	Description
EX-392050	2" Digital Dial Stem Thermometer



Type J/K Thermometer with Alarm

The Type J/K Thermometer displays two channels for Thermocouple Types J and K plus elapsed time on its super large 0.8" LCD display. It comes complete with 2 Type K bead wire probes, protective holster and 9V battery. Type J probes are sold separately. NIST certificate available.

Specifications:

Type J: -200 to 1050°C (-328 to 1922°F)

Type K: -200 to 1370°C (328 to 2498°F)

Dimensions: 7.6" x 3.6" x 2.1", 13 oz.

Type J/K Thermometer with Alarm

Part Number	Description
EX-421502	J/K Dual Thermocouple Thermometer
EX-872502	Type J Bead Wire Probe
EX-801515	Type K Stainless Steel General Purpose Probe
EX-409997	Vinyl Pouch Carrying Case



Heavy Duty Thermometer

The ruggedly designed Heavy Duty Type K Thermometer includes a rubber holster for field use. The Dual Input Model provides differential readings. It comes complete with 9V battery, holster with stand, wrist strap and temperature probe. NIST certificate available.

Specifications:

Temperature: -50 to 1300°C (-58 to 2000°F)

Type K: -200 to 1370°C (328 to 2498°F)

Dimensions: 6.5" x 3.0" x 1.7", 14.2 oz.

Heavy Duty Thermometer

Part Number	Description
EX-421305	Heavy Duty Thermometer, Single Input
EX-421307	Heavy Duty Thermometer, Dual Input



HA 98801 & HA 98804

K,J,T-Type Thermocouple Logging Thermometers with GLP

HA 98801 and HA 98804 combine high resolution and extended temperature range with extensive logging capabilities and an infrared data transfer system. In addition to supplying the user with instant printouts of date, time and temperature, they can log the data without supervision at predetermined interval or simply through the log-on-demand feature. The sophisticated software allocates up to 14 000 temperature readings to maximize available space, regardless of the number of channels in use. HA-98801 and HA-98804 are supplied with 5 paper rolls, 4 x 1.5V AA batteries and instruction manual in to a rugged carrying case.

Specifications:

K: -200.0 to 999.9°C; 1000 to 1370°C; -300.0 to 999.9°F; 1000 to 2500°F

J: -200.0 to 760.0°C; -300.0 to 999.9°F; 1000 to 1400°F

T: -200.0 to 400.0°C; -300.0 to 750.0°F

EMC Deviation: ±5°C; ±9°C

Channels: 1 channel (HA-98801), 4 channels (HA-98804)

Dimensions: 220 x 82 x 66 mm (8.7" x 3.2" x 2.6")



HA 98801 & HA 98804

Part Number	Description
HA-98801	Printing thermometer with 1 channel input
HA-98804	Printing thermometer with 4 channels input
HA-710005	110V to 12VDC adapter
HA-766C	Penetration probe with 1 m (3.3') cable
HA-766E1	General use probe with 1 m (3.3') cable
HA-9200/9	Infrared transmitter (9-pin)
HA-92000	Windows compatible software



Mini IR Thermometer

The Mini IR Non-Contact Thermometer consists of a built-in laser pointer to improve aim. It measure to 320°C (600°F) without contact. It has a narrow 6:1 field of view (at 6" distance, it measures 1" target). It comes complete with a 9V battery.

Specifications:

Range: -20 to 320°C (0 to 600°F), ±2% accuracy

Dimensions: 6.7" x 1.7" x 1.6", 6.4 oz.

Mini IR Thermometer

Part Number	Description
EX-42520	Mini IR Thermometer
EX-409996	Vinyl Pouch Carrying Case

Infrared Technology!

Sling Psychrometer

The uniquely compact Sling Psychrometer accurately determines percent relative humidity without the necessity of consulting complex tables. There is no need to wet the wick each time a reading is taken; the Sling Psychrometer contains a slide rule calculator which correlates wet and dry bulb thermometer indications for direct reading of relative humidity. The thermometer stems have deep-etched numerals and 1° scale divisions for easy reading. When not in use, the thermometer case telescopes into the handle for protection.

Specifications:

Construction: Shock-Resistant Glass

Accuracy: ±5% R.H.

Dimensions: 7.5" L x 1"D



Sling Psychrometer

Part Number	Description
BA-12-7011	Sling Psychrometer, Mercury Filled, 25 to 120°F
BA-12-7012	Sling Psychrometer, Red Spirit Filled, 25 to 120°F
BA-12-7013	Sling Psychrometer, Mercury Filled, -5 to +50°C
BA-12-7043	Sling Psychrometer, Red Spirit Filled, -5 to +50°C



Hygro Thermometer 45320

The 45320 Hygro Thermometer features a combination remote/integral probe with dual display on a backlit LCD displaying Humidity and Temperature simultaneously. It comes complete with built-in stand, probe and 2AA batteries. NIST certificate available.

Specifications:

Humidity: 25% - 95%

Temperature: -15 to 49.9°C (5 to 122°F)

Dimensions: 5.25" x 2.75" x 1", 6.7 oz.

Hygro Thermometer 45320

Part Number	Description
EX-45320	Hygro Thermometer, 45320
EX-380995	Soft Vinyl Carrying Case

Humidity & Temperature Meter

The Humidity & Thermometer Meter features thin film capacitance sensor for accurate humidity measurements and a semiconductor sensor for temperature measurement. It has a fast response in less than 3 minutes and a sampling rate of 2.5 times/second. It comes complete with a carrying case and 9V battery. NIST certificate available.

Specifications:

Humidity: 10% - 95%

Temperature: -20 to 60°C (-4 to 140°F)

Dimensions: 10.6" x 2.7" x 1", 7 oz.

Humidity & Temperature Meter

Part Number	Description
EX-4465CF	Humidity & Temperature Meter



Hygro Thermometer with Dew Point

The Hygro-Thermometer with Dew Point features a display of Humidity, Temperature and Dew Point via remote probe. The instrument comes complete with a built-in stand, probe, carrying case and 9V battery. Instrument with NIST certificate available.

Specifications:

Humidity: 15 – 90% RH ($\pm 2\%$)

Temperature: 0 to 93°C ($\pm 0.5^\circ\text{C}$); 0 to 199.9°F ($\pm 1.0^\circ\text{F}$)

Dewpoint: 0 to 50°C ($\pm 2^\circ\text{C}$); 32 to 122°F ($\pm 4^\circ\text{F}$)

Dimensions: 6.8" x 2.9" x 1.14", 26 oz.

Hygro Thermometer with Dew Point

Part Number	Description
EX-444732	Hygro-Thermometer with Dew Point



Heavy Duty Hygro Thermometer

The Heavy-Duty Hygro-Thermometer has a dual display of Relative Humidity and Temperature with a built-in RS-232 PC serial interface. It utilizes high precision thin film capacitance sensor for RH and thermistor for temperature. It comes complete with a remote 6.25" probe with 36" cable, heavy duty protective holster and 9V battery. Instrument with NIST certificate available.

Specifications:

Humidity: 10 – 95% RH

Temperature: 0 to 60°C (32 to 140°F)

Dimensions: 7" x 2.9" x 1.3", 18 oz.

Heavy Duty Hygro Thermometer

Part Number	Description
EX-407445	Heavy Duty Hygro-Thermometer

Model TM-100

The Model TM-100 measures temperature over the range of -40°F to 300°F (-40°C to 150°C). Ideal for various applications in industry and agriculture this instrument incorporates reliable semiconductor technology in sturdy ABS plastic case. The RTD sensor is housed in stainless steel to withstand the most demanding applications.

Specifications:

Readout mode: °F, °C (selectable)

Moisture Range: -40°F to 300°F ; -40°C to 150°C

Accuracy: 40°C to 80°C , $\pm 1.5^\circ\text{C}$; 80°C to 150°C , $\pm 2.5^\circ\text{C}$
 -40°F to 176°F , $\pm 3^\circ\text{F}$; 176°F to 300°F , $\pm 4.5^\circ\text{F}$

Resolution: 0.1°F from -40°F to 199.9°F
 1°F from 200°F to 300°F
 0.1°C to 150°C

Response Time: 2 minutes for 63% excursion, 4-5 minutes full excursion

Model TM-100

Part Number	Description
DEL-TM-100	TM-100 Temperature Meter





Heavy Duty Moisture Meter

Get fast, accurate wood moisture measurements with the Heavy Duty Moisture Meter. Its memory contains 9 material groups including calibrations for approximately 150 species of wood. It has built-in calibration with manual temperature compensation adjustment, as well as a RS-232 PC serial interface with optional Data Acquisition software and datalogger. The instrument comes complete with 2 pin moisture probe, 40" cable, 10 spare pins, protective holster and a 9V battery.

Specifications:

Range: 9% to 30%, 0.1% resolution

Sampling Time: 0.8s

Dimensions: 7" x 2.9" x 1.3", 12.3 oz

Heavy Duty Moisture Meter

Part Number	Description
EX-407777	Heavy Duty Moisture Meter
EX-156119	117VAC Adapter
EX-407001	Data Acquisition Software and Serial Cable
EX-140001	Hard Vinyl Carrying Case with handle

Heavy Duty Differential Pressure Manometer

The Heavy Duty Differential Manometer features wide range dual differential inputs with internal sensors and RS-232 interface. It has wide measurement range (± 802 inches of water) with high resolution to 0.5 inch. The instrument comes complete with 2 quick disconnect fittings, 9V battery, protective rubber holster with stand and carrying case. NIST certificate available.

Specifications:

8 Ranges: ± 2000 mbar, ± 30 psi, ± 2.040 kg/cm², ± 1500 mmHg, ± 59.05 inch/Hg, ± 20.40 meter/H₂O, ± 802 inch/H₂O, ± 1.974 Atmosphere

Dimensions: 7" x 2.9" x 1.3", 12 oz

Differential Pressure Manometer

Part Number	Description
EX-407910	Heavy Duty Manometer
EX-156119	117VAC Adapter
EX-407001	Data Acquisition Program and Cable



We Deliver Worldwide!

Monitor 4 and Monitor 4EC Radiation Survey Meters

The Monitor 4 and Monitor 4EC are compact general purpose survey meters capable of detecting alpha, beta, gamma, and x-rays over 3 selectable ranges. A red count light flashes and audible beep sounds with rising radiation levels. The Monitor 4EC is the same as the Monitor 4 except that the energy response through the detector sidewall offers a more accurate linear reading for gamma and x-rays (above keV). Upon request, the monitor can be supplied with a uSv/hr meter scale.

Monitor 4

Part Number	Description
SE-4	Monitor 4 Radiation Survey Meter
SE-4EC	Monitor 4EC Radiation Survey Meter
SE-BC	Stainless Steel Belt Clip



Inspector

Part Number	Description
SE-INSPECTOR	The Inspector Radiation Survey Meter
SE-WTP	Wipe Test Plate
SE-IS	Instrument Stand

Specifications:

Detector:

Monitor 4: Halogen-quenched uncompensated GM tube with thin mica Window 1.5 – 2.0 mg/cm² thick

Monitor 4EC: Halogen-quenched GM tube, energy compensated side-wall 2mm tin filter. Thin mica window 1.5 – 2.0 mg/cm² thick.

Operating Range: 0 – 0.5, 0 – 5, 0 – 50 mR/hr and 0 – 500, 0 – 5,000, and 0 – 50,000 CPM

Power: One - 9Volt alkaline battery – 2,000 hrs. life at normal background radiation levels

Audio Output: Internally mounted beeper

Dimensions: 5.7" x 2.8" x 1.5", 7 oz.

Compliance: CE Mark

Inspector

The Inspector is a small handheld microprocessor based instrument which offers excellent sensitivity to low levels of alpha, beta, gamma, and x-rays. The digital readout is displayed with a read count light and audible beep, providing instant indications of the radiation level. Other benefits include an adjustable timer and external calibration controls.

The Optional Wipe Test Plate is a stainless steel plate which slides easily onto The Inspector positioning the depression and wipe directly in front of the detector window at a fixed distance of 1 centimeter. The Wipe Test Plate is removable for general surveying or decontamination. It can also protect the GM from damage and prevent the instrument from contamination while The Inspector is not in use. The Inspector includes a carrying case.

Specifications:

Detector: Halogen-quenched uncompensated GM tube with thin mica Window 1.4 – 2.0 mg/cm² areal density. Effective diameter of the window is 1.75". Includes a 4 digit liquid crystal display with indicators.

Operating Range: 0.001 – 100 mR/hr, 0.01 – 1000, 0 – 300,000 CPM, 0 – 5000 CPS, 1 – 9,999,000 counts (total/timer)

Power: One - 9Volt alkaline battery

Audio Output: Internally mounted beeper

Dimensions: 5.9" x 3.2" x 1.2", 8 oz.

Compliance: CE Mark



Heavy Duty Light Meter

The Heavy Duty Light Meter has a simultaneous display of Foot Candles or Lux plus four lighting types (Tungsten/Daylight, Fluorescent, Sodium and Mercury). Its microprocessor assures maximum accuracy plus special functions, and utilizes precision photo diode color correction filter as well as cosine and color corrected measurements. Instrument with NIST certificate available.

Specifications:

Range: 0 -200.0 Fc (0 - 2000 Lux), 0 - 2000 Fc (0 - 20000 Lux), 0 - 5000 Fc, (0 - 50000 Lux)

Dimensions: 7" x 2.9" x 1.3", 1.6 lbs

Heavy Duty Light Meter

Part Number	Description
EX-407026	Foot Candle/ Lux Meter
EX-140001	Hard Vinyl Carrying Case with Handle

Foot Candle/Lux Meter

The Foot Candle/Lux Meter accurately displays light level in terms of Fc or Lux and monitors light levels using outputs (i.e. 1 mV per count analog output for capturing readings to a recorder). It utilizes precision photo diode color correction filter as well as cosine and color corrected measurements. Select between fast (1 second) or slow (2 seconds) response. The instrument comes complete with a 9V battery. Instrument with NIST certificate available.

Specifications:

Range: 200.0 Fc (2000 Lux), 2000 Fc (20000 Lux), 5000 Fc, (50000 Lux)

Resolution: 0.1 Fc or 1 Lux with 5% accuracy

Dimensions: 6.4" x 2.8" x 1.2", 9 oz

Foot Candle/Lux Meter

Part Number	Description
EX-401025	Foot Candle/ Lux Meter
EX-409996	Vinyl Pouch Carrying Case



DMM Light Adaptors

Measure Foot Candle or Lux on your Multimeter with the DMM Light Adaptors. The Photo diode sensor prolongs life and enables the instrument to cover wide ranges. The banana plugs insert directly into your multimeter. With a simple switch to 200mV, and aim of the sensor, you get a reading on the multimeter. The instrument comes complete with a 9V battery.

Specifications:

Fc Ranges (res) : 0 - 200.0 Fc (0.1), 200 - 2000 Fc (1), 2000 - 5000 Fc, (10)

Lux Ranges (res) : 0 - 2000 Lux (1), 2000 - 20,000 Lux (10), - 20,000 - 50,000 Lux (100)

Dimensions: 3.9" x 2" x 1", 6.7 oz

DMM Light Adaptors

Part Number	Description
EX-401021	Foot Candle Adaptor
EX-401020	Lux Adaptor
EX-409992	Carrying Case



MultiView Series Digital MultiMeters

The MultiView manual ranging digital multimeter features an large 1" LCD display with adjustable viewing angle. Its measurement functions include AC/DC Voltage and Current, Resistance, Continuity and Transistor. Light Intensity can be measured with the DMM light adaptor. It includes a shock resistant case with a protective holster. Model EX-MV120 is capable of capacitance and temperature measurements. Model EX-MV130 is a High Resolution MultiMeter which is capable of both Capacitance and Frequency Measurements. The instrument comes complete with a 9V battery, test leads, protective holster and temperature probe (with model EX-MV120 only). NIST certificate available.

Specifications:

DC Voltage: 200mV, 2V, 20V, 200V, 1000V (100 μ V resolution)

AC Voltage: 200mV, 2V, 20V, 200V, 750V (100 μ V resolution)

DC/AC Current: EX-MV110: 20 μ A, 200 μ A, 2mA, 20mA, 200mA, 2A, 10A (10nA resolution)

EX-MV120: 20mA, 200mA, 20A (10nA resolution)

EX-MV130: 2mA, 20mA, 200mA, 10A

Resistance: 200, 2K, 20K, 2M, 20M, 200 M (0.1 Ω resolution)

Square Wave: (EX-MV110 only) ~50 Hz, 4-6V

Capacitance: 2nF, 20nF, 200nF, 2mF, 20mF

Frequency: (EX-MV130) 20kHz

Temperature: (EX-MV120) -40 to 1832°F (-40 to 1000°C) (1°F/°C resolution)

Dimensions: 3.5" x 7.5" x 1.4", 11 oz

MultiView Series Digital MultiMeters

Part Number	Description
EX-MV110	MultiView Digital MultiMeter
EX-MV120	MultiView Digital MultiMeter w/temperature
EX-MV130	MultiView High Resolution Digital MultiMeter
EX-CA899	Vinyl Pouch Carrying Case with Shoulder Strap



Digital Sound Level Meters

Choose from either 1.5 dB or 2 dB accuracy for the Extech Digital Sound Level Meters. They both have a built-in 94 dB calibration check, and utilizes a 0.49" condenser microphone. The instrument comes complete with a 9V battery and vinyl case. Instrument with NIST certificate available.

Specifications:

Range: Low (35 to 100dB), High (65 to 130dB)

Resolution: 0.1 dB

Dimensions: 9.5" x 2.7" x 1", 7.6 oz

Digital Sound Level Meters

Part Number	Description
EX-407735	Digital Sound Level Meter, 2dB accuracy
EX-407736	Digital Sound Level Meter, 1.5dB accuracy
EX-407766	94/114dB Sound Level Calibrator

High Accuracy Digital Sound Level Meter

The high accuracy Digital Sound Level Meter reads both A and C frequency weightings. The AC and DC (10mV/dB) outputs are standard through a phone output terminal for connection to an analyzer or recorder plus tripod mount. It utilizes a 0.52" condenser microphone. The instrument comes complete with a 9V battery and carrying case. Instrument with NIST certificate available.

Specifications:

Input Signal Range: A Weighting (30 to 130dB), C Weighting (30 to 130 dB), 1.6% at 94 dB

Range Selector: 30 to 80 dB, 50 to 100 dB, 80 to 130 dB

Resolution: 0.1 dB

Response: Fast=200mS, Slow t=500mS

Dimensions: 10" x 2.8" x 1.1", 10 oz

Compliance: Read both A and C frequency weightings meets IEC 651 Type 2 standards

Digital Sound Level Meter

Part Number	Description
EX-407740	Digital Sound Level Meter
EX-407744	Precision Calibrator, 94dB



Sound Level Meter Datalogger

The Sound Level Meter Datalogger has a built-in recorder storing up to 16,000 readings with RS-232 interface and software to transfer data to a PC. It includes autoranging over 6 ranges from 30 to 130 dB with high accuracy. The Meter reads both A and C frequency and fast/slow response. It is capable of internal self test when it is powered on. There is an optional microphone extension cable for measurements in enclosures and other remote locations. It utilizes a detachable 0.52" diameter condenser microphone. The instrument comes complete with microphone wind cover, PC software on a 3.5" diskette, serial cable, 4AA batteries, and carrying case. NIST certificate available.

Specifications:

Range: Autoranging from 30 to 130dB, ± 1.5 dB accuracy

Resolution: 0.1 dB

Response: Fast=200mS, Slow t=500mS

Dimensions: 10.4" x 2.8" x 0.8", 10 oz

Compliance: ANSI S1.4 Type 2 and IEC 651 Standards

Sound Level Meter Datalogger

Part Number	Description
EX-407764	Sound Level Meter Datalogger
EX-407766	94/114 dB Calibrator for 0.5" or 1" microphones
EX-407764-EXT	15' Microphone Extension Cable
EX-40705X	Insulated Recorder Cable 3' for AC/DC Outputs
EX-144117	117VAC Adapter



MAC-51Bx Magnetic and Cable Locator

The unique dual function MAC-51Bx combines magnetic and cable locator functions into one instrument. It consists of a receiver and a transmitter that simultaneously transmits on two frequencies – 571 Hz (LF) and 82.5 KHz (HF). The receiver has a three position switch that lets you change modes, on-the-fly between LO, HI and MAG, for cable and line tracing with break locating, pinpointing a ferrous metal target, or identifying and pinpointing an energized 50/60 Hz power line. In the LO and HI modes, the receiver's audio signal provides a sharp null when its tip is directly over the target. In the MAG mode (no transmitter required) the audio signal peaks when the receiver's tip is over the target. You can trace the 571 Hz LF signal conductively applied to any continuous metal conductor up to 4000 feet.

MAC51Bx Includes: Transmitter mounted in a case, receiver, clip and stake

Specifications:

Receiver

Operating Voltage: 9V (2 alkaline, 60 hrs. usage, or 2 lithium batteries, 120 hrs usage)

Audio Output: ~40 Hz idling tone from speaker. Frequency increases or decreases with signal intensity

Dimensions: 42.2" L, 2.64 lbs.

Transmitter

Operating Voltage: 12V (8 alkaline C-Cell batteries 60 hrs usage) included

RF Output: 82.5 kHz modulated at 382 Hz, pulsed at 4.4 Hz, 571 Pulsed at 4.4Hz

Audio Indicator: 2.58 kHz pulsed at 4.4Hz

Dimensions: 43.5" x 7" x 5" 5.5 lbs.



Cost effective all purpose locating system with 3 year warranty!!

MAC-51Bx Magnetic and Cable Locator

Part Number	Description
SI-MAC51Bx	Magnetic and Cable Locator Kit
SI-MAC51BxTrans	MAC51Bx Transmitter Only
SI-MAC51BxRec	MAC51Bx Receiver Only
SI-INDCLAMP	Inductive Signal Clamp for MAC-51Bx
SI-MT2	Mini Transmitter Sonde

XS-10 Series

- Affordable for the smaller workplace, office, home or vehicle
- Meets and exceeds ANSI standard Z308.1-1998

XS-10 Deluxe Kit Includes: (1) 8" x 5" x 3" White poly box (1) absorbent compress, 32 sq. in., (16) certi-strip, plastic, 1" x 3", (1) ammonia inhalant X-R5 ANTISEPTIC ASSORTMENT Includes: (10) antiseptic BZK towelettes, (6) certi-burn cream 1gm., (2) insect sting wipe-ups, (3) PVP wipe-ups, (1) cold pack, certi-cool junior

(1) X-R6 CERTI-GAUZE PAD / ROLL / TAPE ASST. Includes: (1) adhesive certi-tape, 1/2" x 5 yd., (4) certi-gauze pad, 3" x 3", (1) certi-gauze roll, 2" x 6 yd., (1) forceps, (2) certi-gauze pad, 4" x 4", (2) gloves, latex, pair, (1) scissors, (2) certi-lan-cet, (1) triangular bandage

XS-10 Series

Part Number	Description
CSM-206-011	XS-10 Deluxe First Aid Kit



GA-52Cx Magnetic Locator

The GA-52Cx accurately responds to magnetic the magnetic field of iron and steel objects and energized power lines. Consisting of a piezoelectric speaker, it provides clear, sharp audio detection signals that peak in frequency when the locator's tip is held directly over the target.

Specifications:

Input Power: Two alkaline 9-volt batteries, 40 hours usage, included

Output: ~40 Hz audio tone on speaker. Tone frequency increases or decreases with gradient field intensity

Construction: Modular, all solid state

Dimensions: 42.3", 2.5 lbs.

GA-52Cx Magnetic Locator

Part Number	Description
SI-GA52Cx	GA-52Cx Magnetic Locator with carrying case

**Backed by a 7
year warranty!**



GA-72Cd Magnetic Locator

The GA-72Cd accurately responds to magnetic the magnetic field of iron and steel objects and energized power lines. The GA-72Cd consists of digital read-out and bar graph displays that signal strength and polarity. Once the target has been located, using the audio signal, the digital readout and polarity indicators will help to visually pinpoint the target and may even determine its orientation. One of four sensitivity settings can be selected: Low, Medium, High and Extra High.

Specifications:

Input Power: Two lithium 9-volt batteries, 60 hours usage, included

Output: Audio (Switch at A): Signal increases or decreases in volume with gradient field intensity

Audio (Switch at B): Signal increases or decreases in frequency with gradient field intensity

Visual: Digital readout and expanding bar graphs indicate polarity and relative strength of the magnetic field

Construction: Modular, all solid state

Dimensions: 34.5", 2.5 lbs.

GA-72Cd Magnetic Locator

Part Number	Description
SI-GA72Cd	GA-72Cd Magnetic Locator with carrying case



**Backed by a 5
year warranty!**



Digital Stopwatch/Clock

This sporty bright yellow Digital Stopwatch/Clock features easy to use buttons with large LCD plus calendar and alarm and is water resistant. It displays accumulated elapsed time and split time measurements. It measures 2.3" x 2.8" x 0.5" and weighs 2 oz. It comes complete with 39" neck strap and battery. NIST certificate available.

Digital Stopwatch/Clock

Part Number	Description
EX-365510	Digital Stopwatch/Clock



Micromate Compass

Know where you're going!

The Micromater Waterproof Compass is a quality Suunto Field Compass with temperature (air or water), wind chill chart, and ruler. It comes with a split ring for attachment to keys.

Micromate Compass

Part Number	Description
ST-SM-10	Micromate Compass (Specify Celsius or Fahrenheit)



Outback-ES Handheld Compass

The Waterproof Outback-ES is the one of the most advanced electronic compasses available. Headings are displayed in digits, cardinal points, and compass rose with a damping adjustment. Trail Blazer mode stores 10 legs as you travel and guides you back to the starting point. Multi-Leg allows pre-programming of up to 10 sources with off-course indicators. With the gun sights, the unit takes and stores 10 bearings. Declination electronically corrected and 10 angles can be stored. There is automatic adjustment for Magnetic Deviation with an interference alert. For Night Navigation, red and green lights keep you on course. The Clock/Timer includes standard time, stopwatch and countdown.

Specifications:

Power: 2 CR23032 Lithium Batteries (included) provide approximately 200 hours use

Dimensions: 3.9"x 2.8" x 1.2", 4.2 oz.

Outback-ES Handheld Compass

Part Number	Description
ST-SM-18	Skymate Windmeter