

SAFETY HORNS

MIGHTY SONIC™ SIGNAL HORNS

- Lightweight, portable, long lasting safety horn
- Independent of any other power source
- 100% ozone safe and non-flammable
- Delivers a piercing 120 dB blast at 10'
- Easy and convenient push-button operation
- Unbreakable high-impact trumpet
- 8-oz. canister

Order No. SAK518

Mfg. No. MSN



SAK518

REFILLS

Order No. SAK519

Mfg. No. MSNR

911 PERSONAL SAFETY HORNS

- Lightweight, portable, long lasting safety horn
- Attaches easily to your belt or wrist and fits easily in a briefcase, purse, or backpack
- Independent of any other power source
- 100% ozone safe
- Delivers a piercing 120 dB blast that can be heard up to 1/2 mile away
- 1.5-oz. canisters

Order No. SEI678

Mfg. No. 911PSH



SEI678

REFILLS

- Pack of two

Order No. SEI679

Mfg. No. 9112R

MEGAPHONES

- Features pistol grip and trigger for 1-hand operation
- Includes piercing siren sound for emergency situations
- 25-W peak, 15 W RMS power output
- Up to one mile carry sound range
- Dimensions: 15" L x 9" H (cone diameter)
- Requires eight "C" batteries (XB874, sold separately))

Order No. SEE894



ZENITH®
Safety Products

MOTOROLA RECREATIONAL TALKABOUT RADIOS

These radios are designed to provide affordable and dependable communication, ideal for outdoor light-usage or included in an emergency preparedness kit. Our radios work in remote areas, are rugged and convenient to use and provide instant access without using up your cell phone minutes.

MD320R TWO-WAY RADIOS

- Offers a communication range up to 32 kilometers
- 22 channels
- Dual power: 24 hours alkaline (AA) or 11 hours NiMH
- Offers features such as: keypad lock, 10 call tones and audible low battery alert

Includes: Two radios, one wall charger with Y-cable and two connectors, one charging adapter and two NiMH battery packs

Order No. SEF079

Mfg. No. MD320R



SEF079



MS560CR TWO-WAY TALKABOUT RADIOS

- Offers a communication range up to 56 kilometers
- 22 channels, each with 121 privacy codes for 2662 combinations
- Dual Power: 27 hour alkaline or 9 hour NiMH estimated talk time
- iVOX hands-free communication without the need of an audio accessory
- Offers many features such as: Headphone connector, Flashlight LED, 10 call tones, Audible low battery alert, QT (Quiet Talk) interruption filter, PTT Power Boost

Includes: Two radios, two NiMH batteries and a plug-in charger

Order No. SED125

Mfg. No. MS560CR



SED125



MOTOROLA BUSINESS TWO-WAY RADIOS

These radios are designed for heavy-duty, everyday industrial use. Environments such as construction, manufacturing and retail environments, along with many others, require this type of radio in order to function efficiently and productively.



CLS SERIES™ - 4 CHANNEL 1-WATT

- Up to 8 km range, 200 000 sq. ft. or 15 floors
- 1 watt UHF transmit power
- 2 frequencies
- Up to 4-channel operation
- 121 interference eliminator with 83 digital and 38 analog codes
- LCD display with battery meter, signal strength indicator
- VibraCall® alert feature
- Call Alert button with 3 call tones and Off
- Double pin accessory jack
- Compatible with XTN Series audio accessories
- VOX – Voice activated with select audio accessories

INCLUDED ACCESSORIES:

- Lithium ion battery, up to 12 hours battery life
- 3 hour drop-in charger
- Swivel holster
- Industry Canada Licence Required

Order No **HX166**
Mfg. No. CLS1413



ACCESSORIES

Order No.	Mfg. No.	Description	Compatible With Series
CHARGER			
HX069	53875	2-Hour Drop-In Charging Tray	XTN
HX070	53879	Multi-Unit Cloning Station and Charger	XTN
HX180	56553	3-Hour Drop-In Charger	CLS
SED302	RLN6309A	Charging Station, Holds 6 Radios	RDX
SEI690	PMLN638A	Charging station, Holds 6 Radios	RMU
HX181	56531	CCS Multi-Charging Station	CLS
HX182	56564	AAA Battery Tray	CLS

AUDIO ACCESSORIES

SED303	RKN4155A	CPS Programming Cable	RDX
SEI691	HKKN4027A	Programming Cable Kit	RMU
SED304	RLN6423A	Ear Hook Swivel Earpiece	CLS/XTN/RDX/DTR
SED305	HKLN4477A	Surveillance Earpiece With Microphone	CLS/XTN/RDX/DTR
HM015	53862	Remote Speaker/ Microphone	XTN/CLS/RDX
HM017	53866	Earbud w/In-Line Push-to-Talk Button	XTN/CLS/RDX
HM005	53863	Earpiece w/Microphone	XTN/CLS/RDX
HM004	53865	Headset w/Swivel Boom Microphone	XTN/CLS/RDX

CARRY CASE & HOLSTERS

SED306	RLN6302A	Leather Carrying Case With 3" Swivel	RDX
SED307	RLN6307A	Spring Action Belt Clip	RDX

BATTERIES

HX066	53871	NiMH Rechargeable Battery	XTN
HX186	56557	Lithium Ion Rechargeable Battery	CLS
SED308	RLN6351A	Standard Capacity lithium Ion Battery	RDX
SED309	RLN6305A	High Capacity Lithium Ion Battery	RDX
SED310	RLN6308A	Ultra Capacity Lithium Ion Battery	RDX

RDX SERIES™ MULTI-CHANNEL 4 W



- 39 analog and 83 digital interference eliminator codes
- Designed to IP-55 and MIL-SPEC specifications
- 3 voice-inversion scramble settings to minimize eavesdropping
- Channel scan with selectable scan list
- 3 audible call tones
- 2-pin accessory plug (compatible with XTN/CLS Series)
- VOX (hands-free use with accessories) with 3 sensitivity levels
- Tri-colour LED with Transmit, Receive and Low Battery indication
- Up to 4-watt power (2 W low power setting)
- 18.5 hrs. battery life (4 W, 5/5/90, battery save enabled)
- Pre-programmed channels/code combinations
- Programmable direct input frequency
- Bandwidth: 438-470 MHz

INCLUDED ACCESSORIES:

- 2400 mAh Li-ion rechargeable battery
- 12-hour drop-in charging tray with wall adaptor
- Spring belt clip
- User's guide, safety leaflet and Canadian license application form

SAR570 ADDITIONAL FEATURES:

- Up to 10 channels
- Two programmable buttons
- Auto-scan

SAR571 ADDITIONAL FEATURES:

- Up to 16 channels with aliasing (up to 8 characters)
- Repeater capable
- Battery gauge
- Signal strength indicator
- Keypad lock
- Five programmable buttons
- iVOX

Order No.	Mfg. No.	Description
SAR570	RDU4103	4 W, 10 Channels
SAR571	RDU4163D	4 W, 16 Channels



RMU SERIES™ 4-CHANNEL 2 W

- 2 watt UHF provides coverage up to 250 000 sq.ft./20 floors
- Up to 4 channels operation
- Operates on two UHF frequencies (IC license required)
- 219 PL/DPL codes, including six customizable codes
- Channel announcement with voice alias
- Meets military 810 C, D, E, F, G and IP54/55 specifications
- Antimicrobial protection
- Two programmable buttons give quick 1-touch access to features; Advanced features via Customer Programming Software (CPS)
- Single unit drop in charger provides charging and battery level status via tri-colour LED
- Easy cloning with single unit charger cloning cable or multi-unit charger (sold separately)
- Weighing 8.6 oz. with battery
- 2-pin accessory plug

INCLUDED ACCESSORIES:

- 2100 mAh 3.7 V lithium ion rechargeable battery
- Standard drop in charging tray w/ wall adaptor
- Swivel belt holster with 3.5" spring clip
- Quick reference leaflet and RF safety booklet

Order No. **SEI689**
Mfg. No. RMU2043



Gas Detection

ALTAIR® MAINTENANCE-FREE SINGLE-GAS DETECTORS

- Factory-calibrated detector with warranted two-year service life (1080 alarm minutes)
- Sensor options for CO, H₂S, and O₂
- Maintenance-free; no sensor or battery change necessary
- Easy bump check and built-in calibration feature
- Event recorder stores last 25 events automatically in instrument memory
- MSA Link™ software-ready
- High capacity battery
- Rated to IP67 for dust and water ingress
- Weight: 4 oz.



Order No.	Mfg. No.	Description
SAO781	10092522	CO
HX989	10092521	H ₂ S
HX990	10092523	O ₂

ALTAIR® 4X MULTIGAS DETECTORS

- Dependable multigas detector for LEL, CO, H₂S and O₂
- Large buttons and bright display enable quick and easy operation, even when wearing gloves
- Withstands extreme impacts with rugged polycarbonate housing
- Laser-welded sensor housings eliminate opportunities for leaks
- End-of-sensor-life warning gives advance notice to user, reducing service outages
- If a user becomes disabled due to unforeseen hazards, MotionAlert feature will activate after 30 seconds
- InstantAlert feature enables users to manually alert others of a potentially hazardous situation with the push of a button
- MSA Link™ software-ready
- Full three-year warranty supports the entire instrument, including the sensors and battery
- Lithium-polymer battery charges in less than 4 hours
- Rated to IP67 for dust and water ingress
- Weight: 7.9 oz.

Order No. HX991
Mfg. No. 10107602



ALTAIR® 5X MULTIGAS DETECTORS

- Dependable multigas detector for LEL, CO, H₂S, O₂, and SO₂
- Can be customer configured for up to 6 gases
- Large buttons and bright display enable quick and easy operation, even when wearing gloves
- Withstands extreme impacts with rugged polycarbonate housing
- End-of-sensor-life warning gives advance notice to user, reducing service outages
- If a user becomes disabled due to unforeseen hazards, MotionAlert feature will activate after 30 seconds
- InstantAlert feature enables users to manually alert others of a potentially hazardous situation with the push of a button
- Integral pump, 10' sampling line, and 1' probe for confined space applications
- MSA Link™ software-ready
- Rechargeable lithium-ion battery
- Rated to IP65 for dust and water ingress
- Weight: 1 lb



Order No.	Mfg. No.	Description
HY008	10115141	Monochrome Display
HY009	10115143	Colour Display

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

Order No. IA645
Mfg. No. 77535

REED

SPECIFICATIONS:

CO₂ Range:	0 to 5000 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



CARBON MONOXIDE METERS

- Highly accurate with fast response time
- Measuring range from 1 to 1000 PPM with a 1 PPM resolution
- ±5% or ±10 PPM basic accuracy (whichever is greater)
- Max, Data hold and Auto shut off
- Utilises a stabilised electrochemical gas specific fast response sensor
- Audible alarm starts at 35 PPM
- Backlight LCD display
- Dimensions/Weight: 160 x 56 x 40 mm/180 g
- Complete with 9 V battery and carrying case

Order No. HX361
Mfg. No. CO-180

REED



COMBUSTIBLE GAS DETECTORS

- Detects a wide variety of gases, including some toxic gases and nuisance vapours

Order No. IA394
Mfg. No. GD-3300

REED

SPECIFICATIONS:

Sensitivity:	50 ppm methane
Sensor type:	Low power semi-conductor
Warm up time:	Approx. 5 minutes
Response time:	Less than 2 seconds
Power supply:	3 "C" cell batteries
Battery life:	8 hours of continuous use, typical
Alarm:	Visible and audible at 10% LEL for and can be calibrated for other concentrations or gases (up to 40% LEL)
Duty cycle:	Continuous
Probe length:	16"



COMBUSTIBLE GAS DETECTORS

- Leak detector is extremely sensitive to a variety of generally used combustible gases, e.g. Hydrocarbons, methane
- Heated semiconductor gas sensor
- High-low sensitivity selector
- Detects leaks as small as 5 ppm of gasoline
- Ambient concentration reset function
- Flexible stainless steel probe
- **Includes:** Batteries, a reference leak source and hard carrying case

Order No. IA662
Mfg. No. C-383

REED

SPECIFICATIONS:

Gases sensed:	Gasoline, propane, natural gas or fuel oil
Sensitivity:	Variable, as low as 5 ppm (gasoline)
Alarm settings:	7 LED tricolour bar indicator; variable intensity audio alarm
Warm up time:	90 seconds
Power supply:	4 x 1.5 V AA alkaline batteries
Battery life:	Approx. 40 hours of continuous use
Probe length:	400 mm (15.5")



REFRIGERANT LEAK DETECTORS

- Microprocessor control with advanced digital signal processing
- Detects all halogenated refrigerants
- Audible and visual leak indications
- No user calibration required
- **Includes:** Reference leak source and carrying case

Order No. IA450
Mfg. No. C-380

REED

SPECIFICATIONS:

Gases sensed:	CFCs: R11, R12, R13; HCFCs: R22, R502, R500; HFCs: R134a, R123, R125, R23, R404A, R407C, R410A and older halogen-based compounds
Sensitivity:	R22, 134a: Hi: 6g/yr, L: 30 g/yr R404A, 407C, 410A: Hi: 8g/yr, L: 40g/yr
Sensor:	Advanced ionization detection
Ambient conditions:	32 to 104°F (0 to 40°C) 0 to 80% RH
Power supply:	One 9 V alkaline battery
Battery life:	Approx. 16 hours of continuous use
Probe:	490 mm (15") flexible stainless probe



**SEE PAGES
124 - 145
FOR OUR
RESPIRATORY
PROTECTION
PRODUCTS**



Sound Level Meters

SOUND LEVEL METER

- Meets IEC 651 Type 1 specifications
- 3 ranges, 30 to 130 dB,
- MAX HOLD, DATA HOLD
- A/C frequency weighting
- Fast/Slow time weighting
- AC output
- Internal 94 dB calibration

Order No. **HN404**

Mfg. No. SL-4022

REED



SOUND LEVEL METERS

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

Order No. **IA152** Mfg. No. 8926

SPECIFICATIONS:

Measuring range: 54 to 126 dB (manual)

Accuracy: ± 3 dB @94 dB

Switch settings:
 60 dB (54-66dB);
 70 dB (64-76 dB);
 80 dB (74-86 dB);
 90 dB (84-96 dB);
 100 dB (94-106 dB);
 110 dB (104-116 dB);
 120 dB (114-126 dB)

Power supply: 1 x 9 V alkaline battery

Battery life: 120 hours typical



REED

SOUND LEVEL DATA LOGGERS

- Conforms to IEC61672-1 Class 2 sound level meters
- Data storage capacity of 129,920 samples
- Plugs directly into your computer via integral USB port
- Includes:
 Windscreen, transparent cap, software CD, metal support stand and battery

Order No. **IA595** Mfg. No. ST-173

SPECIFICATIONS:

Measuring Range: 30 to 130 dB

Accuracy: ± 1.4 dB

Frequency Range: 31.5 Hz to 8 kHz

Frequency Weighting: A & C

Time Weighting: Fast: 125 ms; Slow: 1 s

Power Supply: 1 x 3.6 V battery

Battery Life: Approx. 200 hours



REED

SOUND LEVEL METERS

- 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, windscreen, RS232 cable, Windows® datalogging software, battery, manual and carrying case

DATALOGGING

IA661

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

IA661



HN408

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



HN408



IA153



REED

Order No.	Mfg. No.	Description
IA153	C-322	Datalogging Sound Level Meter
HN408	SB-01	Wind Shield Ball
IA661	SC-05	Sound Calibrator

SOUND LEVEL METERS

- Dual range measurement (Hi/Lo)
- "A & 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 data loggers
- Data Hold, Max Hold functions and low battery indication
- Meets IEC651 Type 2 requirements
- Includes: Carrying case and battery

Order No. **HX387** Mfg. No. ST-805

SPECIFICATIONS:

Measuring Range: Low: 35 to 100 dB;
 High: 65 to 135 dB (A & C)

Resolution: 0.1 dB

Accuracy: ± 1.5 dB

Frequency: 31.5 Hz to 8 kHz

Time Weighting: Fast/Slow (A & C)

Microphone: 1/2" electret condenser

Power Supply: 1 x 9V battery

REED



THERMO-HYGROMETERS

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

SOFT CARRYING CASE

Order No. **HN413** Mfg. No. CA-52A



Order No. **HX287**

Mfg. No. LM-81HT

REED

SPECIFICATIONS:

Humidity Range: 10 to 95% RH
Humidity Resolution: 0.1%
Temp. Range: 32 to 122°F (0 to 50°C)
Temp. Resolution: 0.1°F/°C
Display: Dual LCD, humidity and temperature
Power Supply: 1 x 9 V Battery

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
- 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

Order No. **IA794**

Mfg. No. SD-2010

REED



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 158°F (-40 to 70°C)
- Humidity Range: 0 to 100% RH

Order No. **IA680**

Mfg. No. ST-172

REED



TEMPERATURE/HUMIDITY DATA LOGGERS

- Monitors both ambient temperature and relative humidity
- Stores up to 16000 temperature and 16000 humidity readings
- Alarm display if user-defined max/min values are exceeded
- Simply plug the logger into the USB port of your computer to begin downloading
- Includes wall mount bracket and Windows compatible software

Order No. **IA449** Mfg. No. ST-171



SPECIFICATIONS:

Temperature Range: -40 to 158°F (-40 to 70°C)
Accuracy: ±3.6°F (±2°C): -40 to 14°F & 104 to 158°F (-40 to 10°C & 40 to 70°C); ±1.8°F (±1°C) 14 to 104°F (10 to 40°C)

Humidity Range: 0 to 100% RH
Accuracy: ±5.0%: 0 to 20% & 80 to 100%; ±3.5%: 20 to 40% & 60 to 80%; ±3.0%: 40 to 60%

Sampling Rate: User selectable rate: 2s, 5s, 10s, 30s, 1m, 5m, 10m, 30m, 1h, 2h, 3h, 6h, 12h, 24h

Power Supply: 3.6V lithium battery
Battery Life: 1 year: 5s sample rate; 2.5 year: 10s sample rate

REED

HEAT STRESS METERS

- Wet Bulb Globe Temperature (WBGT) considers the effects of temperature, humidity and direct or radiant sunlight
- In/Out function displays the WBGT value with or without direct sun exposure
- Built-in RS232 interface
- Tripod mounts design for long term monitoring

SPECIFICATIONS:

Air Temp. Range: 32 to 122°F (0.0 to 50.0°C)
Accuracy: ±1.1°F (±0.6°C)

Black globe temp. range: 32 to 176°F (0.0 to 80.0°C)
Accuracy: ±1°C: 15 to 40°C, ±1.5°C: rest of range for indoor; ±1.5°C: 15 to 40°C, ±2°C: rest of range for outdoor

WBGT Temp. Range: 32 to 122°F (0.0 to 50.0°C)
Resolution: 0.1°F (0.1°C)
Humidity Range: 0 to 100% RH
Accuracy: ±3% RH: 10 to 90% RH, ±5% RH: rest of range
Resolution: 0.1% RH
Power Supply: 2 x AAA batteries

Order No.	Mfg. No.	Description
IA639	8778	Heat Stress Meter
IA447	BS-6	Tripod
HX515	HR33	33% Humidity Calibration Standard
HX514	HR75	75% Humidity Calibration Standard
IA452	VZRS232BN	RS232 Cable and Software



REED

Temperature

DIGITAL THERMOMETERS

- Temperature Range: -58 to 2000°F (-50 to 1300°C)
- User selectable °F or °C
- User selectable 0.1°F or 1°F (0.1°C or 1°C) resolution
- Accuracy to 0.5% ± 2°F/± 1°C
- Display maximum reading plus Data Hold
- Large LCD display with backlight
- Accept K-type thermocouples
- Includes: One 9 V battery and holster

Order No. HX381
Mfg. No. ST-610B



REED

ANEMOMETERS

- Integral vane design
- Push button operation
- Data hold, record (Max/Min)
- Pocket-sized
- Includes battery

SPECIFICATIONS:

Air Velocity Range (Resolution):
 0.4 to 30.0 m/s (0.1 m/s);
 1.4 to 108.0 km/h (0.1 km/h);
 0.9 to 67.0 mph (0.1 mph);
 0.8 to 58.3 knots (0.1 knot);
 80 to 5910 ft/min (1 ft/min)

Dimensions: 156 x 60 x 33 mm

Weight: 160 g



REED

Order No.	Mfg. No.	Description
HX286	LM-81AM	Anemometer
HN413	CA-52A	Soft Carrying Case

TYPE K THERMOCOUPLE PROBES

SURFACE PROBES

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

Order No. HN209 Mfg. No. LS-109



SPRING-LOADED SURFACE PROBES

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

Order No. HN210 Mfg. No. LS-139



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

Order No. HN211 Mfg. No. LS-104



AIR/GAS PROBES

- Specially 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

Order No. HN212 Mfg. No. LS-103



NEEDLE TIP PENETRATION 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

Order No. HN213 Mfg. No. LS-134A



GENERAL PURPOSE IMMERSION PROBES

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

Order No. HN214 Mfg. No. LS-107



PH METER

- Dual displays of temperature and pH
- °F or °C temperature measurement
- Automatic temperature compensation assures that readings are corrected for temperature offsets
- One touch calibration for up to 3 points
- Calibration values are adjustable
- Includes batteries
- pH Range: 0.00 to 14.00 pH
- Temperature Range: 0 to 60.0°C
- Accredited calibration available



REED

Order No.	Mfg. No.	Description
IA693	8689	Digital pH Pen
IA694	86P8	Replacement pH Electrode
HX298	PH-04	4.0 pH Buffer Solution
HX299	PH-07	7.0 pH Buffer Solution

DIGITAL CONTACT/PHOTO TACHOMETERS

Fast and accurate RPM and surface speed measurements of rotating objects.

- Dual function unit with both contact and non-contact capabilities
- Supplied with adaptors FPM, 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

Order No. HX386 Mfg. No. ST-6236B

SPECIFICATIONS:

Photo Mode: 5 to 99,999 RPM
Contact Mode: 5 to 19,999 RPM
Surface Speed: 0.05 to 1999.9 MPM
Accuracy: ±(0.05% + 1 digit)
Display: 5-digit LCD



REED

MINI INFRARED THERMOMETERS

- Unique flat surface and modern housing design
- Wide temperature range from -58° to 536°F (-50 to 280°C)
- 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
- Includes: Battery and carrying case

Order No. HX242 Mfg. No. ST-880



SPECIFICATIONS:

Temperature Range: -58 to 536°F (-50 to 280°C)
Accuracy: ±2%
Display: Backlit LCD
Response Time: < 1 second
Emissivity: 0.95 fixed
Distance to Spot Size Ratio: 8:1
Resolution: 1°F/1°C
Dimensions: 160 x 82 x 41 mm
Weight: 177 g

MINI INFRARED THERMOMETERS

- Unique flat surface and modern housing design
- Wide temperature range from -58° to 1022°F (-50 to 550°C)
- 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
- Includes: Battery and carrying case

Order No. HX243 Mfg. No. ST-882



SPECIFICATIONS:

Temperature Range: -58 to 1022°F (-50 to 550°C)
Accuracy: ±2%
Display: Backlit LCD
Response Time: < 1 second
Emissivity: 0.95 fixed
Distance to Spot Size Ratio: 8:1
Resolution: 0.1° up to 200°, 1° over 200°
Dimensions: 160 x 82 x 41 mm
Weight: 177 g

INFRARED THERMOMETERS

- Safely measure surface temperatures of hot, hazardous or hard-to-reach objects without contact
- User selectable °F or °C
- Built-in laser pointer identifies target area
- 8:1 distance to spot size ratio
- Fixed emissivity covers 90% of all applications
- Automatic data hold
- Display backlight
- Low battery indication with auto shut off
- Includes battery

Order No. IA853 Mfg. No. R2001



SPECIFICATIONS:

Temperature range: -58 to 536°F (-50 to 280°C)
Resolution: 1°F/1°C
Accuracy: ± 2% of reading or 2°C
Optical resolution: 8:1
Spectral response: 5 µm to 14 µm
Emissivity: Fixed at 0.95
Response time: 500 ms
Power supply: Single 9 V battery
Dimensions: 94 x 56 x 28 mm
Weight: 76 g

INFRARED THERMOMETERS W/THERMOCOUPLE INPUT

- Integral type K thermocouple input
- Built-in laser pointer
- Digitally adjustable emissivity
- Automatic emissivity capture
- High and low alarms
- Max, Min, Average, 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

Order No. IA496 Mfg. No. ST-8835



SPECIFICATIONS:

IR Temperature Range: -58.0 to 1922°F (-50.0 to 1050°C)
Resolution: 0.1°F/0.1°C
T/C Temperature Range: -58.0 to 2498°F (-50.0 to 1370°C)
Resolution: 0.1° ≤ 2000°, 1° > 2000°
Accuracy: ±1.5% of reading
Optical Resolution: 30:1
Emissivity: Adjustable, 0.10 to 1.0
Response Time: < than 1 second
Power Supply: Single 9 V battery
Dimensions: 180 x 106 x 48 mm
Weight: 250 g

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

Order No. IA432 Mfg. No. PS200



SPECIFICATIONS:

Range: -76° to 932°F (-60° to 500°C)
Resolution: ±1.0°F (±1.0°C)
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: -83° to 1999°F (-64° to 1400°C)
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