

SOUND LEVEL METERS

- Dual range measurement (Hi/Low)
- 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
- Measuring range: Low: 35 to 100 dB; High: 65 to 135 dB (A and C)
- Operating Temperature: 32 to 104°F (0 to 40°C)
- Operating Humidity: 10-90%
- Includes carrying case and battery



IB831

REED

Model No.	Mfg. No.	Description	Price/Each
HX387	R8050	Sound Level Meter	
IB831	R8050-KIT	Sound Level Meter and Calibrator Kit	
IB820	R1500	Tripod with Instrument Adapter	

LIGHT METER

- Capable of measuring in both Footcandle (Fc) and Lux
- Wide measuring range
- Easy-to-read backlit LCD display
- 42-segment Digital analog bargraph
- Min/Max and Relative Mode functions
- Peak and data hold functions
- Low battery indicator and auto shut off
- The tethered sensor allows for flexible operation while taking measurements
- Includes: Light meter, Sensor cover, Protective holster, Carrying case, Battery
- Measuring Range: 0-400000 lux (0-40000 ftc)
- Data Logging /Non-Data Logging: Non-Data Logging
- Accuracy: $\pm(5\% \text{ rdg.} + 0.5\% \text{ Full Scale})$
- Repeatability: $\pm 3\%$
- Max. Resolution: 0.01 Lux/Fc
- Response Time: 13.3 Times/Second (Bargraph), 1.3 Times/Second (Numeric Display)
- Sensor Type: Photo Diode with Spectral Response Filter
- Spectral Response: CIE Photopic (CIE Human Response Curve)
- Operating Temperature: 32°F - 104°F (0°C - 40°C)
- Storage Temperature: 14°F - 140°F (-10°C - 50°C)
- Operating Humidity Range: 10 - 80%



IC655

REED

Model No.	Mfg. No.	Description	Price/Each
IC655	R8130	Light Meter	
IC656	R8130-NIST	Light Meter with ISO Certificate	

LED LIGHT METER

- Measures ambient light levels of white, red, yellow, green and blue LED light and visible light in Foot-candles or Lux
- Detachable and rotatable light sensor
- User adjustable parameter for specialized light sources
- Measuring Range: 0-199 lux
- Data Logging /Non-Data Logging: Data Logging
- Battery Life: 80 Hours
- Operating Temperature: 32 to 104°F (0 to 40°C)
- Power Supply: 2 x AA Batteries



REED

Model No.	Mfg. No.	Description	Price/Each
IB929	R8140	LED Light Meter	
HN413	CA-52A	Carrying Cases	

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	

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 SD memory card (optional)
- 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: -100° to 1200 °C; K: -100° to 1300 °C



REED

Model No.	Mfg. No.	Description	Price/Each
IC552	R8100SD	Light Meter	
IC574	R8100SD-PROBE	Replacement Probe	
IC494	RSD-ADP-NA	Power Adapter	
IC495	RSD-16GB	16GB Memory Card	

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 SD memory card (optional)
- 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.	Description	Price/Each
IC551	R4700SD	Thermometer/Hygrometer	
IC572	R4700SD-PROBE	Replacement Probe	
IC494	RSD-ADP-NA	Power Adapter	
IC495	RSD-16GB	16GB Memory Card	