



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 0.9" / 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.	Mfg. No.	Description	Price/Each
IA848	SD-200	Sound Detector	

Noise Indicator Badges NI-100

- Designed to alert users when noises in an area reach potentially hazardous levels
- Small size and lightweight design make it ideal for workers in a variety of industries
- Clips to clothing using LED light to offer real-time noise detection
- **Red flashing LED:** Indicates noise levels are above 85 dBA and hearing protection may be required
- **Green flashing LED:** Indicates noise levels are below 85 dBA and hearing protection may not be necessary
- Rechargeable lithium polymer battery operates up to 200 hours between charges



Model No.	Mfg. No.	Description	Price/Each
IA849	NI-100	Noise Indicator Badge	

Sound Level Meter/Data Loggers

- Measuring Range: Low: 30 to 90 dB; Med: 50 to 110 dB; High: 70 to 130 dB Auto: 30 to 130 db
- Dynamic Range: 60 dB • Accuracy: ±1.4 dB
- Resolution: 0.1 dB
- Sample Rate: Digital: 0.5 sec. Analog: 50 ms
- Frequency Range: 20 Hz to 8 kHz
- Frequency Weighting: A and C
- Microphone: 1/2" electret condenser
- Power Supply: 4 x AAA batteries
- Meets IEC 61672-1 Class 2 requirements
- Records up to 64 000 datapoints (1 MB)
- 60 dB dynamic space in each range
- Real time clock and calendar
- Fast/slow time weighting
- Min/Max function • USB Interface
- Analog digital bar graph • Backlit LCD display
- Tripod mount design for long-term monitoring
- Includes windscreen, USB cable, Windows software, batteries and hard carrying case



Model No.	Mfg. No.	Description	Price/Each
IB749	R8080	Sound Level Meter/Data Logger	

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
- 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



Model No.	Mfg. No.	Description	Price/Each
HX387	R8050	Sound Level Meter	

Sound Level Meters

- Measures sound levels in accordance with IEC61672 Class 2 specifications
- A/C frequency weighting
- Peak hold, data hold and max./min. record
- Fast/slow time weighting
- Real time data logger with integral 2GB SD memory card (optional)
- Measuring Range: 30 to 80 dB, 50 to 100 dB, 80 to 130 dB
- Frequency Weighting: A/C
- Measuring Range: 30 - 130dB
- Data Logging / Not Data Logging: Data Logging

IA799



MODEL HN408

- Wind shield ball for sound level microphones
- Size: 65 mm dia.



HN408



Model No.	Mfg. No.	Description	Price/Each
IA799	SD-4023	Datalogging Sound Level Meter	
HN408	SB-01	Wind Shield Ball	

Sound Calibrators

- Two outputs levels 94 dB and 114 dB (at 1 kHz)
- Diecasting aluminum alloy housing case
- Two 9 V batteries
- Size: 50 mm dia. x 82 mm

Model No. IA661
Mfg. No. R8090
Price/Each \$

