

FEATURES

- Optically isolated PC interface-optional RS-232 cable and windows® 95/98/ 2000 compatible software allows user to collect display, plot and save data.
- 4 functions measure Sound level, Light, Humidity, Temperature.
- 4000 count large LCD display with units of Lux, °C, %RH and dB indication.
- Easy to use with single function switch operating, pocket size and light weight.
- Sound level measures from Lo: 35dB to 100dB/ Hi: 65dB to 130dB for A weighting checking with 0.1dB resolution.
- Light measuring levels ranging from 0.01 lux to 40,000 lux.
- Humidity measurement from 25%RH to 95%RH with 0.1%RH resolution and fast time response.

GENERAL SPECIFICATIONS

Display	: 4000 counts LCD display with function of Lux, °C, °F, %RH and dB indication.
Polarity	: Automatic, (-) negative polarity indication.
Over-range	: "OL" mark indication.
Low battery indication	: The "BAT" is displayed when the battery voltage drops below the operating level.
Measurement rate	: 1.5 times per second, nominal.
Storage temperature	: -10°C to 60°C (14°F to 140°F) at < 80% relative humidity
Power	: One standard 9V, NEDA1604 or 6F22 battery.
Dimensions	: 121.5 (H) x 60.6 (W) x 40 (D) mm
Weight	: Approx.: 280g including holster.

TECHNICAL SPECIFICATIONS

Sound Level

Measurement range	: Lo: 35dB -100dB; Hi: 65dB~130dB
Resolution	: 0.1dB
Typical instrument frequency range	: 30Hz-10KHz
Frequency Weighting	: A -weighting
Time Weighting	: Fast
Accuracy	: ± 3.5 dB at 94 dB sound level, 1KHZ sine wave.
Microphone	: Electric condenser microphone.
Light	
Measuring Range	: 40, 400, 4000, 40,000lux (40,000lux range reading x10)



Overrange Display	: Highest digit of "OL" is displayed.
Accuracy	: ± 5% rdg + 10 dgts (calibrated to standard incandescent lamp at color temperature 2856 k).
Repeatability	: ± 2%.
Temperature Characteristic	: ± 0.1% / °C.
Photo detector	: One silicon photo diode with filter.
Humidity/Temperature	: (Auto-ranging)
Measurement Range	: Humidity 25%~95%RH Temperature : -20.0°C to +400.0°C, -20°C to +750°C, -4.0°F to + 400.0°F, -4°F to +1400°F
Resolution	: 0.1% RH, 0.1°C or 1°C / 0.1°F for 1°F
Accuracy (after calibration)	:
Humidity	: ± 5%RH (at 25°C, 35% ~ 95% RH)
Response time of the humidity sensor	: Approx. 6 min.
Temperature	: + 3% rdg ± 2°C (at -20°C ~ + 400.0°C) ± 3.5% rdg ± 2°C (at -20°C ~ +750°C) ± 3%rdg ± 2°F (at - 4.0°F ~ +400.0°F) ± 3.5% rdg ± 2°F (at - 4°F ~ +1400°F)
Input Protection	: 60V DC or 24V AC rms.

*Technical Specifications & Appearance are subject to change without prior notice