

PANEL METERS

TECHNICAL DATA

FEATURES

- * Cooperate with the ENVIRONMENT METER, EM-9300SD, EM-9200, EM-9100 to be as a professional sound level meter.
- * 30 to 130 dB, 3 ranges.
- * Frequency weighting networks are designed to meet the IEC 61672 class 2.
- * A weighting networks are conformity to standards.
- * Fast Time weighting dynamic characteristic modes.
- * Condenser microphone for high accuracy & long-term stability.
- * Over/Under range indicator.
- * Low battery indicator.

SPECIFICATIONS

Measurement Range	30 to 130 dB, 3 ranges Range 1 : 30 to 80 dB. Range 2 : 50 to 100 dB. Range 3 : 80 to 130 dB.
Output	10 mV per 1 dB.
Accuracy (23± 5°C)	Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB (31.5 Hz to 8 kHz), then the accuracy of A frequency weighting is specified as following : 31.5 Hz - ± 3.5 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB 250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB 2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB
Frequency Weighting Network	Characteristics of A weighting. A weighting : The characteristic is simulated as " Human Ear Listing " response.
Frequency	31.5 Hz to 8,000 Hz.
Calibrator	B & K (Bruel & Kjaer) : Multi-fuction acoustic calibrator, Model : 4226.
Microphone type	Electric condenser microphone.
Size of microphone	1/2 inch standard size.
Calibration VR	Build in external calibration VR.
Battery	DC 9 V battery (006P, 6F22). @ Alkaline or heavy duty type.
Power Consumption	Approx. DC 12 mA.
Operating Temperature	0 to 50 °C (32 to 122 °F).
Operating Humidity	Less than 80% RH.
Weight	220 g/0.49 LB (including battery).
Dimension	Main instrument : 107 x 53 x 29 mm (4.2 x 2.1 x 1.1 inch). Probe : Dia. 12.7 mm x 58 mm (Dia. 0.5 inch x 2.28 inch).
Accessories Included	Operation Manual..... 1 PC.
Optional Calibrator, Accessory	94 dB Sound Calibrator, Model : SC-941. 94/114 dB Sound Calibrator, Model : SC-942. Wind shield ball, Model : SB-01



ORDERING INFORMATION

SL-417 Sound Level Adapter