

IEC 651, type 2, economical type

LIGHT METER

Model : SL-4010

ISO-9001, CE, IEC1010



DIGITAL SOUND LEVEL METER

Model : SL-4010

| FEATURES | |
|--|---|
| * Large LCD display, easy to read. | * LCD display for low power consumption & clear read-out even in bright ambient light condition. |
| * Characteristic of " A " frequency weighting network are designed to meet IEC 651 type 2. | |
| * " Fast " time weighting characteristic mode. | * Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case. |
| * Build in adj. VR is available for easy calibration. | |
| * Condenser microphone for high accuracy & long-term stability. | * Small and light weight design allow one hand operation. |
| * Hold function to freeze the display value. | * Low battery indicator. |
| * Warning indicator for over and under range. | * High quality with economical cost. |

| SPECIFICATIONS | |
|-----------------------------|---|
| Display | 18 mm (0.7") LCD (Liquid Crystal Display), 3 1/2 digits. |
| Measurement Range | 30 to 130 dB, 3 ranges : <i>range 1 - 30 to 80 dB, range 2 - 50 to 100 dB, range 3 - 80 to 130 dB, Each range with warning indicator for over & under load.</i> |
| Resolution | 0.1 dB. |
| Measurement Frequency | 31.5 Hz to 8,000 Hz. |
| Frequency Weighting Network | Characteristics of " A " frequency weighting network. <i>The " A weighting " characteristic is simulated as "Human Ear Listing" response.</i> |
| Time Weighting | Default to " Fast " time weighting characteristics. <i>" Fast time weighting " is simulated the human ear response character.</i> |
| Accuracy (23 ± 5 °C) | Characteristics of " A " frequency weighting network meet IEC 651 type 2. Under 94 dB input signal, the accuracy are : <i>31.5 Hz - ± 3 dB, 63 Hz - ± 2 dB, 125 Hz - ± 1.5 dB 250 Hz - ± 1.5 dB, 500 Hz - ± 1.5 dB, 1 kHz - ± 1.5 dB 2 kHz - ± 2 dB, 4 kHz - ± 3 dB, 8 kHz - ± 5 dB</i> |
| Calibrator | B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226. |
| Microphone | Electric condenser microphone. |
| Size of microphone | 1/2 inch standard size. |
| Calibration VR | Build in external calibration VR, easy to calibrate on 94 dB level by screw driver. |
| Data Hold | Hold function to freeze the display value. |
| Operating Temp. | 0 °C to 50 °C (32 °F to 122 °F). |
| Operating Humidity | Less than 80% RH |
| Power Supply | 006P DC 9V battery (heavy duty type). |
| Power Consumption | Approx. DC 6 mA. |
| Dimension | 225 x 70 x 28 mm (8.9 x 2.8 x 1.1 inch). |
| Weight | 250 g/0.55 LB (including battery). |
| Standard Accessories | Instruction Manual 1 PC. |
| Optional Accessories | 94 dB Sound Calibrator, Model : SC-941. |
| | 94 dB/114 dB Sound Calibrator, Model : SC-942. |
| | Hard carrying case, Model : CA-06. |

* Appearance and specifications listed in this brochure are subject to change without notice.

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