



SL-4030

SL-4030, Sound Level Meter, Mini Pocket Type, IEC 61672 Class 2

- Large LCD display, easy to read.
- Time weighting and frequency weighting meet, IEC 61672 class 2.
- A & C weighting networks are conformity to standards.
- 0.5" standard out size of the microphone.
- Time weighting (Fast & Slow) dynamic characteristic modes.
- AC / DC output for system expansion.
- External calibration VR.
- Condenser microphone for high accuracy & long-term stability.
- MAX. HOLD function for stored the maximum value.
- Warning indicator for over and under load.
- Low battery indicator.
- LCD display for low power consumption & clear read-out even in bright ambient light condition.
- Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
- Pocket and light weight design allow one hand operation.
- Power by 006P DC 9V battery or DC 9V adapter.

Model	SL-4030
Display	LCD size: 49 mm x 25.5 mm, Digit size: 21.7 mm x 8.8 mm.
Measurement Range	A Weighting- 3 ranges, 30 to 130 dB. C Weighting- 3 ranges, 30 to 130 dB.
Resolution	0.1 dB.
Function	dB (A & C weighting), Time weighting (Fast, Slow), Max. hold, AC output, DC output.
Accuracy (23± 5°C)	Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB (31.5 Hz to 8 kHz), the accuracy of 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	31.5 to 8,000 Hz.
Microphone Type	Electric condenser microphone.
Microphone Size	Out size, 12.7 mm Dia. (0.5 inch).
Weighting Network	Characteristics of A & C.
Range selector	ranges (30 to 80dB, 50 to 100dB, 80 to 130dB). * 50 dB on each step, * with over/under range indicating.
Time weighting (Fast, Slow)	Fast - $t = 200$ ms, Slow - $t = 500$ ms * "Fast" range is simulated the human ear response time. * "Slow" range is easy to get the avg. values of vibration sound level. * The "Fast" & "Slow" response range are designed to meet IEC 61672 class 2 requirement.
Calibrator	B & K (Bruel & kjaer), Multifunction Acoustic Calibrator 4226.
Output Signal	AC output - AC 0.5 Vrms corresponding to each range step. DC output - DC 0.3 to 1.3 VDC, 10 mV / per dB. Output impedance - 600 ohm.
Output terminal	3.5 mm dia. phone output terminal is provided for connection with analyzer, level recorder, tape recorder.
Operating Temp.	0 to 50 °C
Operating Humidity	Less than 80% R.H.
Power Supply	006P DC 9V battery (heavy duty type) or DC 9V adapter input.
Power Consumption	Approx. DC 10 mA.
Weight	213 g/0.5 LB.
Dimension	200 x 69 x 28 mm (7.9x2.7x1.4 inch).
Accessories Included	* Instruction manual: 1PC
Optional Accessories	* Sound calibrator (94dB), SC-941. * Sound calibrator (94/114dB), SC-942. * Wind shield ball, SB-01 * AC to DC 9V adapter.

SL355



SL355, Personal Noise Dosimeter

Low cost, lightweight, and easy to use For measuring total sound exposure over an 8-hour period

Features:

- Perform OSHA and IEC Noise accumulation surveys
- One user-defined measurement setup
- Adjustable Criterion Level, Exchange Rate, and Threshold
- Applications include Personal accumulated noise exposure measurement, Workplace noise assessment, OSHA and other regulatory agency compliances
- Measures frequency weighted noise exposure and peak sound level simultaneously
- Datalogs up to 12,000 readings when used as a sound level meter with sampling times between 1sec and 1hr
- In sound level mode, meter displays sound level, time-averaged sound level (Leq), peak, and sound exposure level (SEL)
- Optional 94/114dB calibrator to perform "before" and "after" calibration checks per ANSI standards
- Stores up to 20 dosimeter surveys. Data includes Start/Stop Time, %Dose, %Dose projected for an 8 hour period, and peak level when used in the Dosimeter mode
- USB interface with Windows® XP/Vista/7 compatible software to control setup and retrieve stored events or analyze real time measurements
- Includes belt clip, clip-on 0.5" microphone with 2.6ft (0.8m) cable, 3 AAA batteries, mini screwdriver, software, USB cable, and carrying case.



Includes 0.5" microphone with clip, secure front cover, convenient belt clip, and software

Model	SL355
Standards	IEC61252 ,ANSI S1.25(1992) for dose and sound exposure meters IEC 60651-1979 Type 2 for sound level meters ANSI S1.4-1983 Type S (1) for sound level meters
Ranges	60 - 130 dB / 70 to 140dB (A/C Weighting) 60 to 130dB / 93 to 133dB (C or Z (Linear) Peak) 70 to 140dB / 103 to 143dB (C or Z (Linear) Peak)
Digital Display	LCD 0.01-9999%
Criterion Level	80, 84, 85, or 90dB
Exchange Rate	3, 4, 5 or 6 dB
Threshold Level	70 to 90 (1dB steps)
High Level Detector/Peak Flag	115dB, 130dB and 140dB
Response Rate	Fast or Slow
Measurement Duration	5, 10, 15, or 30 minutes 1, 2, 4, 8, 12, or 24 hours
Microphone	1/2 inch electret condenser with 31" cable
Battery Life	>35 hrs
Event Storage	20 surveys
USB Interface	yes
Real time clock/calendar	yes
Dimensions/Weight	97 x 51 x 35mm, 120g, incl.batteries