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
- 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® 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

Specifications	
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:	3.8 x 2 x 1.4” (97 x 51 x 35mm) 4.2oz. (120g) incl.batteries

Ordering Information:

SL355 .....Noise Dosimeter/Datalogger
SL355-NIST .....SL355 with Certificate of Calibration Traceable to NIST
407766 .....94/114dB Sound Level Calibrator

CE

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