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
- Adjustable Criterion Level, Exchange Rate, and Threshold
- Applications include Personal accumulated noise exposure measurement, Workplace noise assessment, OSHA and other regulatory agency compliances
- Datalogs up to 4500dB readings when used as a sound level meter
- Optional 94/114dB calibrator to perform “before” and “after” calibration checks per ANSI standards
- Stores up to 5 dosimeter surveys. Data includes Start/Stop Time, %Dose, TWA, peak flags, when used in the Dosimeter mode
- Bi-directional RS-232 with Windows® 95/98/NT/2000/ME/XP compatible software to control setup and retrieve stored events or analyze real time measurements. Complete with 9 pin to 25 pin adaptor, and RS-232 cable.
- Includes belt clip and clip-on 0.5” microphone with 2.6ft (0.8m) cable, 4 AAA batteries, mini screwdriver and carrying case, software, and cables

Ordering Information:

407355 ..............Noise Dosimeter/Datalogger
407355-MIST .......407355 with NIST certificate
407355-KIT-5 .......Noise Dosimeter/Datalogger Kit
407744 ..............94dB Sound Level Calibrator
407766 ..............94/114dB Sound Level Calibrator
USB100 .............RS-232 to USB Adaptor

Specifications

- Range/Resolution: 70 - 140 dBA / 0.1dB
- Digital Display: LCD 0.01-9999%
- Criterion Level: 80, 84, 85, or 90dB
- Exchange Rate: 3, 4, 5 or 6 dB
- Threshold Level: 70-90 (1db steps)
- Frequency weighting: A
- Response Rate: Fast or Slow
- High Level Detector/Peak Flag: 115dB / 140dB
- Dimensions/Weight: 4.2 x 2.5 x 1.3” (106 x 64 x 34mm) 8oz. (227g) incl. batteries
- Microphone: 1/2 inch electret condenser with 31” cable
- Battery Life: 34 hrs
- Event Storage: 5 surveys
- RS232 Interface: yes
- Real time clock: yes

Includes PC Windows® compatible software to maintain records and statistically analyze acquired data