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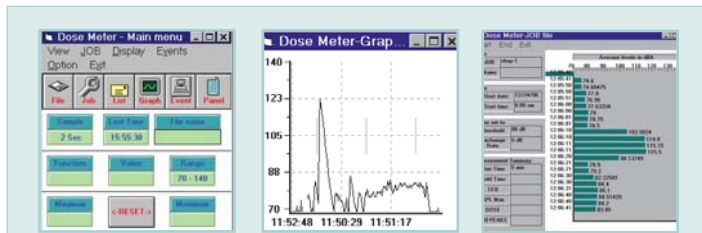
Includes PC Windows® compatible software to maintain records and statistically analyze acquired data

407355-KIT-5 Dosimeter Kit

Ordering Information:

407355 ....Noise Dosimeter/Datalogger
407355-NIST ......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	
Standards	Meets ANSI S1.25(1991) Type 2, ISO-1999, BS 402 (1983)
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

CE WARRANTY 1 YEAR

9/26/08 - R1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Extech:
  407355 407355-NIST