Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

EXTECH
INSTRUMENTS
A FLIR COMPANY

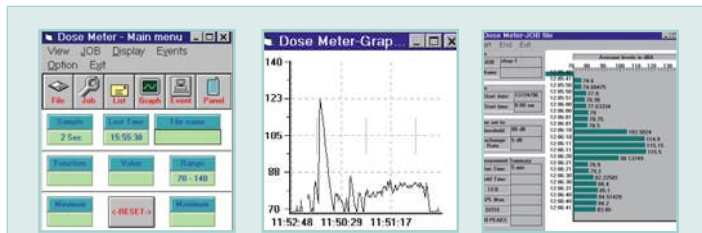*Experience the* ✓ *Extech*
Advantage®

PRODUCT DATASHEET

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

9/26/08 - R1