



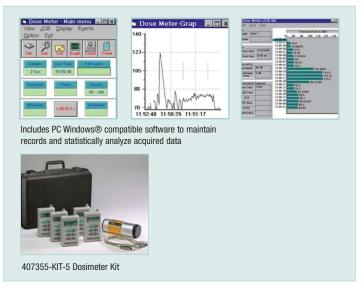
## **Personal Noise Dosimeter**

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-NIS | T407355 with NIST certificate     |
| 407355-KIT | '-5Noise Dosimeter/Datalogger Kit |
| 407744     | 94dB Sound Level Calibrator       |
| 407766     | 94/114dB Sound Level Calibrator   |
| USB100     | RS-232 to USB Adaptor             |



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|-------------------------------|---|
| 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   |



