



ENGLISH

## Datasheet

Stock No. 174-9559

RS-660

## Logging Personal Noise Dosimeter



### FEATURES

The Noise Dose Meter measure the frequency weighted noise exposures and peak sound levels simultaneously.

- Multiple simulated dosimeters (termed D1, D2 & D3)
- Simple operation, including direct read-out of results
- Ten built-in standard dose measurement setups:  
OSHA-80, OSHA-90, MSHA-80, MSHA-90, DOD,  
ACGIH, ISO-85, ISO-90, NR-15 and NHO-01
- Pause function
- Nine user defined measurement setups
- 30 dose (DATA) result stores
- Download of setups from PC to the meter
- Keypad lock protects meter against accidental operation
- Timers support pre-selection of measurement time and duration
- USB PC interface for the charging unit

## SPECIFICATIONS

<b>Standard Applied</b>	IEC 61252: 2002, ANSI S1.25-1992 for dose meter and sound exposure meters
<b>Microphone</b>	1/2-inch electret condenser microphone
<b>Display</b>	128x64 graphic
<b>Measurement Ranges</b>	Sound Level Range: 70 – 140dB (A, C) 90 – 140dB ( Z ) Peak Ranges: 103 – 143dB Peak
<b>Frequency Weightings</b>	RMS Detector: A, C and Z Peak Detector: A, C and Z
<b>Frequency Range</b>	31.5Hz – 8kHz
<b>Time Weightings</b>	Fast, Slow and Impulse (RMS detector)
<b>Exchange Rate</b>	3dB, 4dB, 5dB or 6dB
<b>Threshold and Criterion Levels</b>	Threshold Level: 70 – 90dB in 1dB steps Criterion Level: 70 – 90dB in 1dB steps
<b>High Level Detector</b>	115dB
<b>Clock</b>	Real-time clock with calendar
<b>Memory</b>	Results from 30 measurements and 6101 data sets can be stored for later viewing and download
<b>Measurement Control</b>	Measurement Duration: May be set 10 to 55 min in 5min steps or 1 to 24 Hrs in 1hr steps.
<b>Timers</b>	Up to 99 timers (automatic start and stop) can be set (maximum up to one month ahead of measurement time). Timer Controlled Started / Stop: Up to 16 timers can be set up from the PC software or meter keypad.
<b>Output</b>	USB interface from the charging unit (The charging unit must be power on)
<b>Battery</b>	3.7V 470mAH Lithium Polymer (Flat cell)
<b>Battery Life Time</b>	Typically > 15 hours at room temperature
<b>Operating Temperature &amp; Humidity</b>	0 – 50°C (32 to 122°F), 10 – 90%RH
<b>Storage Temperature &amp; Humidity</b>	-10 – 60°C (14 to 140°F), 10 – 75%RH
<b>Size</b>	84(L)×49(W)×55(H) mm / 3.3(L)×1.9(W)×2.2(H) inch
<b>Weight</b>	Approx. 77g (2.7oz)
<b>Accessories</b>	Instruction manual, Charging unit, AC adaptor, Mounting clips, Carrying case, Software CD, USB cable