

407355/SL355 Personal Noise Dosimeter Dataloggers and Kits



407355



SL355



Each meter includes a belt clip, clip-on 0.5" (0.8m) microphone with 2.6ft (0.8m) cable, software, mini screwdriver, batteries, and case; 1 year warranty. **407355** also includes 9 pin to 25 pin adaptor, and RS-232 cable; **SL355** also includes USB cable. **407355-KIT-5** Dosimeter Kit includes five 407355 Dosimeters, 407766 Sound level calibrator (see p. 120), and case



Special Value Kit



407355-KIT-5

Measure total sound exposure over an 8-hour period

- Perform OSHA and IEC Noise accumulation surveys (meet ANSI and IEC *standards)
- Adjustable Criterion Level, Exchange Rate, and Threshold
- Includes Windows® compatible software to control setup and retrieve stored events or analyze real time measurements
- Dosimeter mode: data includes Start/Stop Time, %Dose, TWA, and Peak flags

Model 407355 Additional Features

- RS-232 interface (compatible with USB100 adaptor)
- Datalogs up to 4500 readings when used as a sound level meter
- 407355-KIT-5 available (see left caption for details)

Model SL355 Additional Features

- USB interface
- SL355-KIT-3 available - includes three SL355, 407766 calibrator, and case

SPECIFICATIONS

Sound Level Range/Resolution	407355: 70 to 140dB / 0.1dB SL355: 60 - 130 dB / 70 to 140dB (A/C Weighting); 60 to 130dB / 93 to 133dB (C or Z (Linear) Peak); 70 to 140dB / 103 to 143dB (C or Z (Linear) Peak)
Digital Display	LCD 0.01-9999%
Criterion/Threshold Level	80, 84, 85 or 90dB/ 70-90 (1db steps)
Response Rate/Exchange Rate	Fast or Slow/ 3, 4, 5 or 6 dB
High Level Detector/Peak Flag	115dB / 140dB (also 130db for SL355)
Battery Life	approx 34 hrs
Event Storage	407355: 5 surveys; SL355: 20 surveys
Dimensions/Weight	407355: 4.2x2.5x1.3" (106x64x34mm)/ 8oz (227g) incl. batteries SL355: 3.8x2x1.4" (97x51x35mm) 4.2oz. (120g) incl. batteries

* Visit the product page at www.extech.com for a list of ANSI and IEC standards

ORDERING

407355	N	Noise Dosimeter/Datalogger
407355-KIT-5		Noise Dosimeter/Datalogger Kit
SL355	N	Noise Dosimeter/Datalogger
SL355-KIT-3		Noise Dosimeter/Datalogger
USB100		RS-232 to USB Adaptor

SL400 Personal Noise Dosimeter/Datalogger

NEW



Includes belt clip, clip-on 0.5" (12.7mm) microphone with 32" (81.3cm) cable and windscreen, 9V battery, software, USB cable, and carrying case; 1 year warranty

Measure total sound exposure over an 8-hour period

- Measures frequency weighted noise exposure and peak (C, Z) sound level
- Datalogs up to 999,999 readings when used as a sound level meter with sampling times between 1 second and 24 hours
- Sound level mode: displays sound level, min/max, time-averaged sound level (Leq), peak, and sound exposure level (SEL)
- Adjustable Criterion Level, Exchange Rate, & Threshold
- One user-defined measurement setup
- Optional 94dB calibrator to perform "before" and "after" calibration checks per ANSI standards
- USB interface with Windows® compatible software to control setup and retrieve stored events or analyze real-time measurements

SPECIFICATIONS

Ranges (A, C, Z)	30 to 90 dB, 50 to 110dB; C, Z Peak: 70 to 140dB / C and Z Peak: 90 to 143dB
Response Rate/Exchange Rate	Fast, Slow, Impulse/ 3, 4, 5 or 6 dB
Bandwidth	20Hz to 8kHz
Memory	Dose: 10,000 points/SLM: 999,999 points
Criterion Level / Threshold Level	30 to 140dB in 0.1dB steps / 30 to 140dB in 0.1dB steps
Measurement Modes	%Dose, Lxmax, Lxyp, Lxmin, Lxeq, SEL (LAE), PeakMAX, LAVG, TWA, LEP, LN% SPL, Lxmax, Lxyp, Lxmin, Lxeq, SEL (LAE) PeakMAX
Dimensions/Weight	4.2 x 2.6 x 1.3" (107 x 65 x 33mm) - exclude connector on top/ 7oz. (198g) include batteries and microphone cable

ORDERING

SL400	N	Noise Dosimeter/Datalogger
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