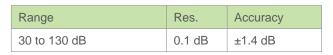
## **Integrating Sound Datalogger**

## Calculates SPL and LEQ

Sper Scientific's Integrating Sound Datalogger measures sound pressure level (SPL) according to A or C weighting and integrates the weighted SPL over an established length of time, such as an 8-hour workday, to calculate cumulative sound exposure (Leq). Test parameters are simultaneously displayed on a large, bright, backlit display, featuring 0.1 dB resolution and a bar graph. Up to 64,000 data records can be stored in the meter, saved, graphed, and processed on a computer through the USB interface and included software. The bidirectional USB port and software also enable control of the meter via its on-screen image. Features include SPL and Leq sound level readings, fast and slow time weighting, A and C frequency weightings, and over-limit and under-limit alarms. A single dynamic 30 to 130 dB range eliminates the need to manually select ranges and prevents data errors during range changes in auto-ranging models. The meter complies with IEC 61672-1 Class 2, ANSI S1.4 Type 2 standards. Calibrate in compliance with OSHA using Acoustical Calibrator 850016. Comes in a foam-lined protective carrying case, complete with a windscreen, USB computer connection cable, software, instructions, calibration tool, recorder output plug, and 4 AA batteries, which provide about 30 hours of use. The optional microphone extension cable enables remote measurements. N.I.S.T. Traceable Certificate of Calibration available

DIM:  $10\frac{3}{4}$ " ×  $3\frac{1}{2}$ " ×  $1\frac{1}{2}$ " (273 × 89 × 38 mm). WEIGHT: 14.6 oz (414 g).

No.	Description
850017 850017C	Intergrating Sound Datalogger Intergrating Sound Datalogger Certified
840017P 850016	16.5' Microphone Extension Cable 2-Pt. Acoustical Calibrator
840091 840093	Windscreen Replacement Field Tripod











Scan this QR code to view our product demo.