

Personal Noise Dosimeter

Simple, Fast & Easy

- Calibrate, collect data and view results with minimal effort
- User-friendly icons continuously indicate exposure status
- High speed IR data communications

Prevents Over-Exposures

- Optional vibrating belt clip alarm

Versatile

- Pre-programmed for OSHA, MSHA, ACGIH & European directive 2003/10/EC
- Multiple user-defined setups
- Optional boom microphone for plant surveys & area sound measurements
- English, Spanish, German, French & Italian language support
- Formatted report from instruments direct to hyperterminal or software

Certified Intrinsically Safe

- UL, cUL and new ATEX directive, MSHA 26 pending

Metrosoft® Software Included (When purchased in kit form or with infrared serial computer cable)

- Instrument setup
- Storage & printing of test results
- Very Affordable



The db-4000EZ takes the measurement of personal noise exposures to new levels of simplicity. The laminated Quick-Start Instruction Card provided with the db-4000EZ fits neatly in your shirt pocket and is all that is required for routine surveys. An optional vibrating belt clip alarm and user-friendly on-screen icons notify workers and monitoring technicians quickly and simply when permissible exposures levels are reached.

Versatility of the db-4000EZ includes several pre-programmed and user-defined setups to monitor in accordance with unique corporate standards or localized government regulations, an optional boom microphone for area sound surveys and a choice of five display languages.

All test results may be obtained directly from the instrument display, or when the db-4000EZ is purchased in kit form or with infrared serial computer cable, can be archived via HyperTerminal or with the included Metrosoft software program. A convenient and simple report may then be generated by HyperTerminal or Metrosoft.

SPECIFICATIONS

Microphone	Detachable Pendant Microphone with Clothing Clip
Data Available via Display	SPL, Peak, Max, Min, Avg, TWA, Projected TWA, SEL, Dose, Projected Dose, Exposure, Compliance Status, Time over Ceiling Limit, Elapsed Time, Battery Status, OR & UR Indicators
Peak Range	115 to 143 dB Peak
Amplitude Resolution	0.1 dB
Dose Resolution	0.001% to 9999%, auto-scaling always showing 4-digits
Operating Temp Range	-10 to +50 °C (+ 14 to + 122 °F)
Storage Temp Range	-25 to +60 °C (-13 to + 140 °F)
Humidity Range	0 to 95%non-condensing
Intrinsic Safety	UL, cUL & Ex to ATEX Directive: (MSHA & SIMTARS Pending)
Size	68.6 x 127 x 38.1 mm (2.7" x 5" x 1.5")
Weight	369 g (14 oz)
Power	Minimum (70) hours from (2) AA disposable alkaline batteries
Mechanical	Industrial-grade cast aluminum, IP-65 rated. Removable belt clip with tripod mounting adapter
Communications	Infrared Serial Interface @ 115 kbps
Product Standards	CE Mark, EN 61252, ANSI S1.25
Optional Features	Vibrating Belt Clip Alarm and Detachable Boom Microphone

Catalog No.	Description
QS139353	Personal Noise Dosimeter
Accessories	
QS139354	db-4000EZ Series Vibrating Belt Clip
QS139355	Field Replaceable Type 2 Boom Microphone
QS139356	Infrared Serial Computer Cable and Software
NISTDS4	NIST Traceable Certificate with Data