NoiseMeters
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Environmental and Occupational Noise Combination Kit

Features

- One or more doseBadge Pro noise dosimeters
- CR1710 Optimus Environmental Type 1 environmental noise meter
- Protective Peli Case
- Full survey using hand-held meter and/or dosimeters
- All calibrated equipment

Applications

- Assessing mobile and stationary workers
- Full occupational noise survey using sound level meter
- Environmental noise and community noise surveys

Overview

This combination kit is for those needing to assess worker noise exposure within an industrial setting as well as measuring the environmental noise outside the site, such as that impacting on local residents.

The hand-held meter and the dosimeters both make all the measurements needed by the occupational noise regulations, so either can be used to make a full assessment and noise reports. You have the option to choose which method to use: hand held or noise dosimetry.

Environmental Noise

The sound level meter, an Optimus Environmental CR1710, is Type 1 (the more accurate grade) and is suitable for occupational and environmental noise surveys. It comes with the usual environmental noise parameters (periodic Leq, Ln, Lmax, etc) as well as the occupational noise parameters, such as LAeq, Lavg, Peak, etc.

Kit Contents

The Environmental Combination Kit includes the following:

- doseBadge Pro noise dosimeter(s)
- doseBadge Charger and USB Dock
- CR1710 Type 1 Environmental Sound Level Meter
- CR515 Class 1 Sound Level Calibrator
- NoiseTools Software
- Strong, weatherproof carry case
- Calibration certificates for meter, dosimeters and calibrator

This kit includes everything needed for a full and detailed occupational noise assessment and for a hand-held environmental noise survey.

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Specifications

doseBadge Pro Noise Dosimeter Specifications

Standards	IEC 61252 Personal Sound Exposure Meters ANSI S1.25 Personal Noise Dosimeters
Range	RMS: 60 to 140 dB(A), Peak: 80 to 143 dB
Octave Bands	Real-time, 63Hz to 8kHz
Parameters	Date/time, Leq, Lavg, TWA, LEP,d, Lex,8, %Dose, Peak
Communication	Bluetooth to mobile app, USB to computer
Programmable	Exchange rate, criterion level & time, Threshold, Time Weighting
Logging	1 second or 1 minute time history (user selectable)
Dimensions	66 x 43 x 53mm, 2.54" x 1.69" x 2.01&quot

For more detailed specifications please visit the doseBadge Pro Noise Dosimeter page.

CR1710 Sound Level Meter Specifications

Standards	IEC 61672 Class 1 ANSI S1.4 Type 1
Range	20 to 140 dB
Freq. Weighting	A, C and Z
Time Weighting	Fast, Slow and Impulse
Time History	10ms, 62.5ms, 100ms, 125ms, 250ms, 1/2 sec, 1 sec or 2 sec
Audio Recording	16kHz 16bit, 48kHz 24bit, 96kHz 32bit
Memory	8 GB
Power	4 x AA batteries

For more detailed specifications please visit the CR1710 Sound Level Meter page.

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Web Sites

Main site:
https://www.noisemeters.com

Product shortcut:
https://www.noisemeters.com/p/cmb1710/1/

Tech Support:
https://support.noisemeters.com