NoiseMeters

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Integrating Combination Kit for Noise at Work

Features

- One or more doseBadge Pro noise dosimeters
- Hand held CR162B Optimus Industrial integrating sound level meter
- Protective Peli Case
- Full survey using hand-held meter and/or dosimeters
- All calibrated equipment

Applications

- UK and EU noise at work regulations
- Assessing mobile and stationary workers
- Full occupational noise survey using sound level meter
- Detailed noise at work assessment using doseBadges

Overview

The Integrating Combination Kit is ideal for applications with highly mobile workers and for stationary applications too. The doseBadges are ideal when monitoring workers who move around between many different noisy locations, or who are in areas where measurements with a sound level meter is difficult or unsafe.

The CR162B Integrating Sound Level Meter can be used to carry out a full and detailed assessment. A hand-held meter such as this is also convenient for assessing situations where workers are relatively stationary.

Data Logging

The doseBadge Noise Dosimeters included in this kit are the Professional version so they include data logging, detailed Time History and real-time Octave Band Filters. You can leave them unattended on the worker and download the measurements at the end of the working shift. The time history can be used to create graphical reports that clearly show the noisier times of day.

The CR162B is a data logging, integrating sound level meter, storing the cumulative values such as Leq, Peak, etc. It also stores a time history of the sound levels.

Kit Contents

The Integrating Combination Kit includes the following:

- doseBadge Pro noise dosimeter(s)
- doseBadge Charger and USB Dock
- CR162B Logging, Integrating Sound Level Meter
- CR514 Sound Level Calibrator
- NoiseTools Software
- Strong, weatherproof carry case
- Calibration certificates for meter, dosimeters and calibrator

Everything needed for a full noise at work survey is included with this noise kit. The sound level meter meets all the UK and EU requirements for a detailed and complete noise survey. The dosimeters also meet the requirements of the noise at work regulations. The result is the ability to make either a full manual survey or a full noise dosimetry based assessment.

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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.

CR162B Sound Level Meter Specifications

Standards	IEC 61672 Class 2 ANSI S1.4 Type 2
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
Config	Exchange rate, threshold, criterion level and time
Memory	8 GB
Power	4 x AA batteries

For more detailed specifications please visit the CR162B Sound Level Meter page.

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Web Sites

Main site:
https://www.noisemeters.co.uk

Product shortcut:
https://www.noisemeters.co.uk/p/cmb162b/1/

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