NoiseMeters
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Octave Band Combination Kit - Occupational Noise

Features

- One or more doseBadge Pro noise dosimeters
- Hand held CR162C Optimus Industrial octave band sound level meter
- Protective Peli Case
- Full survey using hand-held meter and/or dosimeters
- All calibrated equipment

Applications

- OSHA, NIOSH, ACGIH and other noise regulations
- Assessing mobile and stationary workers
- Full occupational noise survey using sound level meter
- Hearing protection assessment with octave band filters

Overview

The Octave Band Combination Kit is ideal for very high noise level environments. Both sound level meter and noise dosimeters have real-time octave band filters for a more detailed description of the noise.

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.

Octave Band Filters

The octave band filter measurements can be used to analyze machinery noise in more detail. For occupational noise measurement the most common use for octave bands is for detailed selection of hearing protectors. This can be carried out in the NoiseTools software that is included.

Kit Contents

The Octave Band Combination Kit includes the following:

- doseBadge Pro noise dosimeter(s)
- doseBadge Charger and USB Dock
- CR162C Logging, Octave Band Sound Level Meter
- CR514 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 OSHA/NIOSH/ACGIH occupational noise assessment, including areas with very high noise levels that benefit from an octave band analysis.

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Specifications

doseBadge Pro Noise Dosimeter Specifications

Standards	ANSI S1.25 Personal Noise Dosimeters IEC 61252 Personal Sound Exposure Meters
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	2.54" x 1.69" x 2.01&quot, 66 x 43 x 53mm

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

CR162C Octave Band Meter Specifications

Standards	ANSI S1.4, S1.43 Type 2 IEC 61672 Class 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
Filters	10 octave bands from 31.5Hz to 16kHz
Memory	8 GB
Power	4 x AA batteries

For more detailed specifications please visit the CR162C Sound Level Meter page.

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Web Sites

Main site:
https://noisemeters.com

Product shortcut:
https://noisemeters.com/p/cmb162c/1/

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