NoiseMeters
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Vehicle Noise Measurement with Environmental Noise Meter

Features

- Kit includes everything needed
- Automatically calculates averages
- Operation by one person
- Includes logging, environmental noise meter

Applications

- Vehicle exhaust noise measurement
- ISO 5130 noise assessments
- Roadside, test station and motor sport venues
- Stationary vehicle sound tests
- Car, light truck and motorcycle noise levels
- Environmental noise surveys
- Occupational noise assessments

Overview

The VK1710 Vehicle Noise Measurements Kit includes everything you need to make sound level checks on car, motorcycle and truck exhausts. This kit includes a top specification Class 1 sound level meter that is ideal for both environmental noise surveys and noise at work assessments.

Single Person Operation

As the kit includes a microphone extension cable and remote measurement button, the processes of setting up the microphone and making the measurements can be done by a single person. The operator can sit in the vehicle controlling the engine speed while starting the measurement and averaging process at the same time.

Vehicle Noise Kit Contents

The standard VNK1710 Vehicle Noise Kit includes the following parts:

- CR1710 Optimus Sound Level Meter
- Microphone extension cable
- Remote measurement start button
- Measurement distance and angle template
- Sound Level Calibrator
- User manual and quick start guide
- NoiseTools Software

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Specifications

Sound Level Meter

Standards	IEC 61672-1 Class 1 ANSI S1.4 and ANSI S1.43 Type 1
Measurement Range	20 to 140 dB RMS
Noise Floor	< 18 dB(A)
Weight	300g, 10 oz
Power	4 x AA Alkaline for typically 12 hours operation
Memory	8GB
Time History	10ms, 62.5ms, 100ms, 125ms, 250ms, 1/2 sec, 1 sec or 2 sec
Statistical	14 independent statistical Ln values calculated from 1/16th LAF7 preset to L1.0, L5.0, L10.0, L50.0, L90.0, L95.0 & L99.0
Recording	Voice tag and in-measurement audio recording with auto triggers
Timers	Manual and repeated periodic timed measurements
Integrators	EU, OSHA HC & OSHA NC, OSHA HC & ACGIH, MSHA HC & MSHA EC, Custom

For more detailed specifications of the hand-held sound level meter please visit the Optimus CR1710 environmental noise meter page.

Sound Level Calibrator

Standards	IEC 60942 Class 1 ANSI S1.40 Class 1
Sound Level	94.0dB ± 0.2dB
Frequency	1 kHz ± 1%
Distortion	< 2%
Power	1 x 9v (PP3, 6LR61, 6F22

For more detailed information please visit the Class 1 Sound Level Calibrator page.

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Web Sites

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

Product shortcut:
https://www.noisemeters.co.uk/p/vnk1710/

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