NoiseMeters
Phone: 0845 680 0312
Email: info@noisemeters.co.uk

Vehicle Noise Measurement with Logging, Integrating Meter

Features

- Kit includes everything needed
- Automatically calculates averages
- Data logging, integrating sound level meter
- Operation by one person

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
- Meter can be used for many other applications

Overview

The VK162B and VK162B Vehicle Noise Measurements Kits include everything you need to make sound level checks on car, motorcycle and truck exhausts. As the kit is designed specifically for vehicle noise measurement, the sound level meter has a mode that takes the average from three measurements as required by ISO 5130 similar standards. This version of the kit includes a data logging, integrating sound level meter and software.

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 VNK162B and VNK162B Vehicle Noise Kits include the following parts:

- CR162B or CR161B 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 or Class 2 ANSI S1.4 and ANSI S1.43 Type 1 or Type 2
Measurement Range	20 to 140 dB RMS
Noise Floor	Class 1 < 18 dB(A), Class 2 < 21 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
Voice Tag	Up to 30 seconds of audio notes with each measurement
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 CR162B / CR161B integrating sound level meter page.

Sound Level Calibrator

Standards	IEC 60942 Class 1 or Class 2 ANSI S1.40 Class 1 or Class 2
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 Calibrator or Class 2 Calibrator page.

Head Office

NoiseMeters Ltd
7 Jayes Park
Ockley
Surrey
RH5 5RR

Telephone **0845 680 0312**
Fax **0845 680 0316**

Email: **info@noisemeters.co.uk**
Support: **support@noisemeters.co.uk**

Web Sites

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

Product shortcut:
https://www.noisemeters.co.uk/p/vnk162b/

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