

## 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

## Vehicle Noise Measurement with Environmental Noise Meter

### 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 $\pm$ 0.2dB
Frequency	1 kHz $\pm$ 1%
Distortion	< 2%
Power	1 x 9v (PP3, 6LR61, 6F22)

For more detailed information please visit the Class 1 Sound Level 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](mailto:info@noisemeters.co.uk)  
Support: [support@noisemeters.co.uk](mailto:support@noisemeters.co.uk)

#### Web Sites

Main site:  
<https://noisemeters.co.uk>

Product shortcut:  
<https://noisemeters.co.uk/p/vnk1710/>

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