**Sound level meters**

**Optimus + Red sound level meter**

The Optimus Red is a vastly upgraded version of the Optimus Yellow and has been specifically built to carry out occupational noise measurements. All Optimus Red variants meet the Noise At Work Regulations.

The Optimus Red sound level meter makes measuring noise at work easy, as it uses the very latest digital technology to save you time. It can measure all the data you need simultaneously, so you won’t need to worry about missing something or choosing the wrong function. Just turn it on, calibrate it, and get measuring!

Built as a noise at work meter, the Optimus Red meets the Noise At Work Regulations in the UK, European Union noise regulations, and OSHA, HC & PEL, MSHA and ACGIH guidelines in the United States. This is the only piece of equipment you need in order to protect your workers from noise-induced hearing loss caused by excessive noise exposure in the workplace.

* Includes everything you need for occupational noise measurements
* Large screen makes the data incredibly easy to read
* Lightweight and easy-to-hold shape designed for ease of use
* Available as either a Class 1 or a Class 2 instrument
* No complicated setup procedure – just switch on, calibrate and start measuring
* Bluetooth connectivity, allowing you to use your device with a compatible smartphone

*Applications*

• Occupational & Industrial Hygiene Noise Evaluations

• Noise at Work Surveys & Noise Exposure Calculations

• Hearing Protector Selection using HML or Octave Band Methods

• Machinery Noise Tests

• Noise Ordinance & Community Noise Assessments

• General Noise Measurements

*Key Features*

• Simple operation with an ergonomic design

• Simultaneous measurement of all workplace noise parameters with additional two “virtual”
 noise meters

• VoiceTag™ note recording\*

• AuditStore™ measurement verification\*

• Latest digital technology with a high resolution colour OLED display and back-lit keypad

• Measure up to 140dB(A) and 143dB(C) Peak with a single measurement range

• Real-time 1:1 Octave Band Filters\*

• NR & NC values & curves on screen\*

• Bluetooth connectivity using Cirrus app

• 4GB memory with the option of 32GB

• Long battery life

• Measure up to 170dB with the optional MV:200EH microphone system