

Noise At Work Sound Level Meter



**NOISE
AT WORK
ASSESSMENTS**

**HEALTH
& SAFETY
COMPLIANCE**

The Optimus+ Red is a purpose-built occupational sound level meter, perfect for testing the noise levels in work environments. This variant of our popular Optimus+ range will provide you with data for all noise parameters, including all time and frequency ratings, as well as the option for 1:1 octave bands.

“There is nothing out there that can rival the Optimus Red noise level meter for its intuitive technology and accuracy.”

Nick Phillips, Manufacturing Manager, Ilmoor Engineering, UK

Key features:

- Simple to use
- Bluetooth® enabled
- Can be used with a smartphone
- Measures all noise parameters simultaneously
- Meets international health and safety regulations
- Easily upgradable to add more functionality
- DC and AC out
- Long battery life

Specifications in brief

Applicable standards	IEC 61672-1:2013 Class 1 or Class 2 IEC 61672-1:2002 Class 1 or Class 2 Group X IEC 60651:2001 Type 1 I or Type 2 I ANSI S1.4 -1983 (R2006)
Instrument	Class 1 or Class 2 available
Display	High-resolution LCD display with light sensor and illuminated keypad
Memory	4GB (expandable) for up to 10,000 measurements (data logging version only)

Why choose Cirrus Research?

- 1) Providing sound solutions since 1970
- 2) UK-based in-house team of experts on-hand to offer help, support, guidance and training
- 3) Rental options available
- 4) Bespoke turn-key solutions available
- 5) We supply quality equipment that is trusted by customers all around the world

Understanding Optimus product codes

CR:16XX - an Optimus+ Red sound level meter
CR:161X - a Class 1 Optimus+ Red
CR:16XA - an Optimus+ Red without data logging
CR:16XC - an Optimus+ Red with data logging & 1:1 octave bands

CK:16XX - an Optimus+ Red measurement kit
CR:162X - a Class 2 Optimus+ Red
CR:16XB - an Optimus+ Red with data logging
CR:16XD - an Optimus+ Red with data logging, 1:1 octave bands & on-screen NR/NC curves



Measure everything, forget nothing

The Optimus+ Red is the perfect instrument for health and safety officers working across all types of industry. As you log data, it records every noise parameter at the same time, which can be viewed either on the instrument, or on your PC.

Available as a standalone meter or as a measurement kit

If you work in health and safety, you need to make sure you've all the correct equipment at your side, ready to go. Meter kits are available for all our instruments and include, as standard:

- Your sound level meter
- A windshield
- An acoustic calibrator
- A USB cable
- A software USB
- Batteries

Comply with regulations, anywhere in the world

Because the Optimus+ Red records all noise parameters, the data it provides can be used to create reports that meet regulations from almost anywhere in the world, including UK and EU directives, and OSHA and MSHA in the United States.

Licence-free software, that's complimentary*

With Bluetooth® connectivity, the Optimus+ can connect to any iOS or Android mobile device through the dBActive application. You can start, stop and pause measurements as well as view live noise data from up to 10 metres away, meaning that the Optimus+ can be used in areas with limited accessibility.

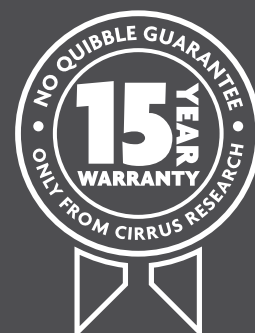
To ensure you get the most out of your investment, all our sound level meters are supplied with our licence-free data download, analysis and reporting software. NoiseTools allows you to review measurement data and create easy-to-understand reports that can be used to influence decisions when it comes to controlling/reducing noise levels.

Available on multiple devices



Cirrus Research plc
Acoustic House
Bridlington Road
Hunmanby
North Yorkshire
YO14 0PH

Email: sales@cirrusresearch.co.uk
Website: www.cirrusresearch.co.uk
Telephone: 0845 230 2436
+44 (0)1723 891 655
Fax: +44 (0)1723 891 742



*software capabilities are dependent on the functionality of your sound level meter

For our full range visit
cirrusresearch.co.uk

Cirrus
Research plc