ComastriDistribution

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Optimus+ Green

Optimus+ Green - Sound level meters

0161

Servicies

After sale servicies

Ordinary and extraordinary maintenance, installation, staff training, spare parts, calibration and calibration for measuring instruments.

Product description

For occupational and environmental noise measurements

Introducing the top-of-the-range Optimus+ Green, a purpose-built environmental noise meter designed for measuring and monitoring exposure to noise pollution and environmental noise sources, such as construction sites, wind farms, and industrial operations. Available in both Class 2 and Class 1 sound level meter versions, complying with IEC 61672 standards, the Optimus+ Green offers all the necessary tools to measure occupational and environmental noise comprehensively. By capturing the full range of sound parameters simultaneously, it stands out as the ultimate noise measuring instrument for monitoring exposure to environmental noise.

The Optimus+ Green serves as a powerful tool for organizations looking to minimize their impact on noise pollution. It comes equipped with everything needed to measure environmental noise, simplifying the process with no complicated setup—just switch on, calibrate, and start measuring. The large color display ensures easy data reading on the go, while the lightweight and ergonomic design guarantee effortless usage.

With its compliance to Class 1 and Class 2 standards according to IEC 61672-1:2013 and IEC 61672-1:2002, respectively, the Optimus+ Green meets the highest accuracy and performance requirements. For added options, Type Approved variants are available to IEC 61672-1:2013 (Class 1 Instruments) and IEC 61672-1:2002 (Class 1 Instruments).

All Optimus+ Green environmental noise meters are equipped with integrating data logging capabilities, providing noise data such as sound pressure level (SPL), Leq, Peak, and TWA/Dose. Furthermore, optional measurement parameters, including 1:1 and/or 1:3 octave band filters, tonal noise detection, Ln values, and on-screen NR/NC curves, can be incorporated to cater to specific needs.

Manufactured to comply with UK, EU, and international standards, the Optimus+ Green environmental noise meter is globally versatile and can be utilized anywhere in the world. Additionally, it seamlessly integrates with our range of outdoor measuring kits, making it the comprehensive solution for all your environmental noise monitoring requirements.

Applications

Simple noise measurements

Alarm testing

Vehicle noise control

Noise ordinance and general noise measurements

Noise at Work surveys and noise exposure calculations

Occupational noise and industrial hygiene evaluations

Hearing protection selection

Environmental noise measurements

BS:4142 surveys

Environmental impact assessments

Occupational noise measurements

Why choose Optimus+ Green?

Optimus+ Green includes the industry-leading features common to all Optimus+ sound level meters, in addition to the following:

Audio recording during measurements with

Acoustic FingerprintTM technology

Up to 28 statistical Ln values

1:1 and 1:3 (B & C models only) octave band filters

Included accessories

User manual

Certificate of Calibration

USB data/power cable

NoiseTools software USB stick (requires B, C or D version of instrument to download measurements)

CR:514 Class 2 or CR:515 Class 1 acoustic calibrator

UA:237 90mm windshield

CK:300 carrying case

User manual and Certificates of Calibration

USB data/power cable and NoiseTools software USB stick (requires B or C version of instrument to download measurements)

The prices could be not always up to date and they don't take into account any promotional sale on the e-commerce.

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Go to product

General Features

Dimensions	283mm x 65mm x 30mm	Weight	300g / 10oz
Battery life	4 x AA alkaline	Temperature	-10°C to +50°C
Range	20dB to 140dB RMS Single Range	Connettività	Bluetooth
Memory	4GB Expandable	Connection	AC & DC output via ZL:174 (2 x Phono, 1m)
Connection	Multi-pin IO for external power via ZL:171 cable (2.1m)	Connection	
Connection	AC - DC output via ZL:174 (2 x Phono	Connection	1m)
Connection	??Multi-pin IO for external power via ZL:171 cable (2.1mm socket)	Connection	??Multi-pin IO for external power via ZL:171 cable (2.1mm socket)