ECOMSONO

TURNKEY CONNECTED SOUND LEVEL METER

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Noise has become an essential vector when sensing smart cities.

Ideal for monitoring environment sound levels, ECOMSONO offers you scientific grade, reliable noise measurements while requiring minimal annual maintenance.
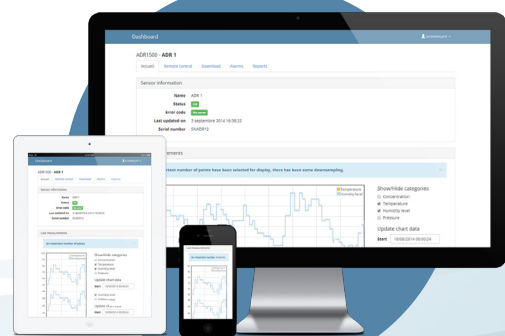
Easy to install, ECOMSONO connects automatically to the web platform through a virtual ECOMBOX where many services are available : instantaneous datasound profiles, downloads, warnings and reports.

Ethernet, 3G or Wi-Fi

Secured web server i-comesure.com

BENEFITS

- On-going quality of a Class I sound level meter
- Simple, accurate and affordable
- Centralized services on i-comesure.com
- Continuous measurements 24h/7 days a week
- Stand-alone version (solar panel & 3G)

APPLICATIONS

- Smart cities, IoT
- Industrial sites (quarries, mines, airports, ports)
- Workshops, warehouses, work-sites
- Road construction

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ECOMSONO SPECIFICATIONS

Detector	Equivalent continuous sound level
Frequency weighting	A
Measured function	Equivalent level with programmable integration time 1 - 60 s
Resolution	0.1 dB
Accuracy	Class I according to IEC 61672-1
Measurement range	35 - 120 dbA
Linearity range at 1 kHz	35 - 120 dbA
Acoustic verification	Acoustic calibrator (IEC 60942)
Microphone type	1/2" condenser microphone
Polarization	0 V
Nominal sensitivity	25 mV/dBA
Enclosure IP rating	IP65
Temperature range	-10 to 50 °C
Humidity range	25 to 90 %RH
Communication	Ethernet, 3G (option), Wi-Fi (option)
Dimensions	395 x 120 x 91 mm
Weight	1 kg
Power supply	100 / 240 V ~ 0.6 A | 50 / 60 Hz PoE (Power over Ethernet) 12 VDC input

E C O M E S U R E