

Automated Online Noise Monitoring

Reliability and simplicity



NOISE MONITORING MADE SIMPLE

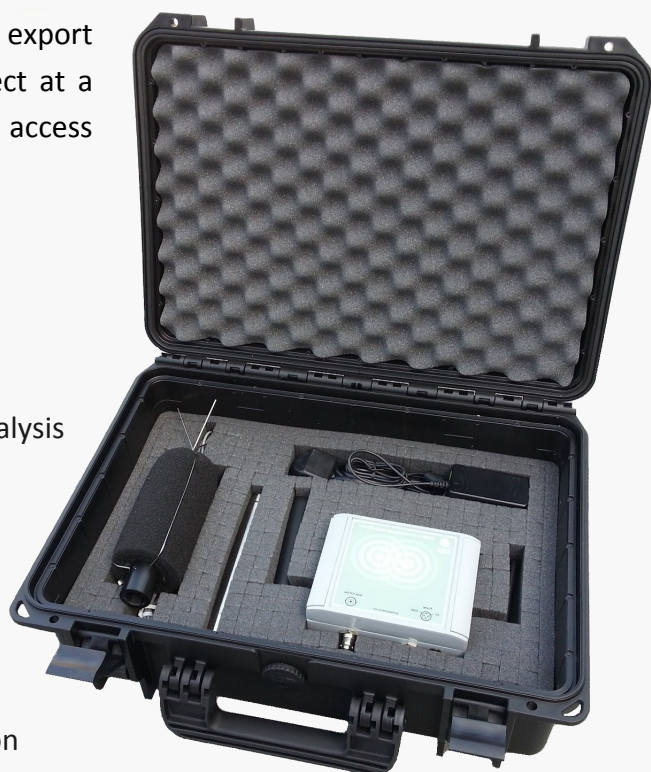
Our fully automated noise measurement and reporting system makes gathering and analysing sound level readings easier than ever before. We combine rugged monitoring instrumentation with a flexible online platform to help you manage your projects and get the results you need.

The EM2010 Sound Level Monitor is designed to save you time and expense on noise measurement projects. Just power up the monitor and measurement, upload and analysis are fully automated. Combined with our user-friendly online platform you get a fully managed noise measurement system.

Access your data from anywhere through a secure login, export plots and spreadsheets and see an overview of your project at a glance. Share your login with project partners or give limited access to guests.

SYSTEM BENEFITS

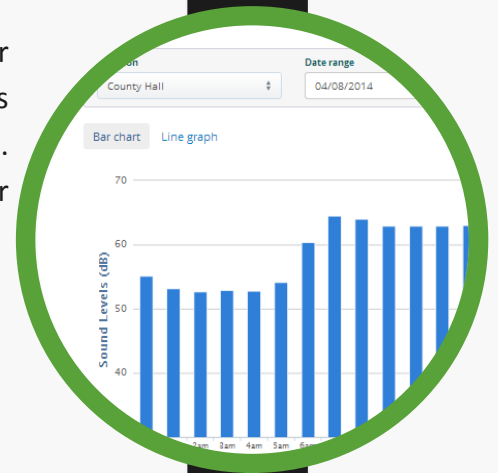
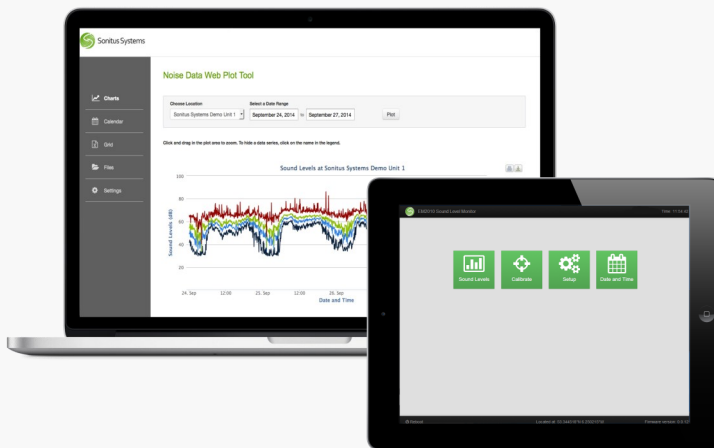
- ▶ Reliable and cost effective solution
- ▶ Save time and man-power on measurement and data analysis
- ▶ Flexible automated online reporting
- ▶ Easy to deploy and configure
- ▶ Automatic measurement after power on and restart
- ▶ Online system detects and reports power outages
- ▶ Battery pack available for 10 days of continuous operation



ONLINE PLATFORM FEATURES

We combine the reliability of our equipment with the flexibility of our online software to help you tackle any application. We provide the answers you need so that you can run your project with less effort than ever before. We take care of SIM cards and data contracts, so just power up the monitor and we manage the rest.

- ▶ Customised data analysis for each monitoring site
- ▶ Alerts sent to designated contacts by SMS and email
- ▶ Manage stakeholder interactions with guest logins
- ▶ Restricted views for other project partners - just share what you want
- ▶ Access your readings from anywhere, with no extra software needed
- ▶ Check compliance with project limits at a glance
- ▶ Output results for reports at the push of a button
- ▶ Export your data at any time, on any device



TECHNICAL SPECIFICATIONS

MEASUREMENT

Accuracy: IEC 61672 Class 1 (Class 2 option)
Dynamic range: 30 to 121dB
Frequency range: 20Hz to 20kHz
Sampling frequency: 96kHz
Frequency weighting: A and C weighting
Parameters: LEQ, L05, L10, L50, L90, L95, LMAX
Audio recording: auto-capture*
Frequency analysis: 1/1 and 1/3 octave*

LOGGING

Measurement period: 1, 5, 10, 15 or 30 minutes
Data storage capacity: 1 year (5 minute logging)
Procedure: Automatic measurement and logging

INTERFACE

The EM2010 and online interface are accessed using any standard web browser

POWER REQUIREMENTS

Power input: 110V-240V AC
EM2010: 12V DC, up to 500mA

COMMUNICATIONS

Wi-Fi user interface
 3G SIM card supplied with each monitor

MICROPHONE

Sensitivity: 50mV/Pa
Connection: BNC to SMB (3m cable as standard)
Power supply: Constant current ICP, 18V 4mA

Location	Limit (LAeq)	Start Time
Site 1 - Office	75 dB	8:00 AM
West Boundary	75 dB	7:00 AM
Main Entrance	75 dB	8:00 AM
Site 2 - Boundary Fence	75 dB	8:00 AM

* optional upgrade



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