

## EM2030P Portable Online Noise Monitor



### Features

- Quick and easy to deploy
- Connection to Internet over mobile phone network
- Automated measurement and cloud based reporting
- IEC 61672 Class 1 Noise Monitor
- Connection and 1 year contract included
- Email and SMS alerts
- Optional battery pack for 10-day operation
- Audio capture and 1/3 octave band options

### Applications

- Construction site and boundary noise monitoring
- Mixed industrial and residential areas
- Road and rail noise
- Airstrips, airfields and small airports
- Entertainment and music events

### EM2030P Portable Noise Monitor

The EM2030P is a portable environmental noise monitor that can be easily relocated and left unattended in poor weather conditions. It is enclosed in a weatherproof case and includes an outdoor microphone that can be mounted on a standard tripod (option **CT3** if you don't already have one). The monitor connects to the Internet over the mobile phone network, uploading its noise measurements to the cloud server. You just need a web browser and Internet connection to view the noise reports and configure the monitor.

As the EM2030P meets the IEC 61672 to Class 1, the sound levels are measured to the highest standard required by environmental noise regulations and local guidelines.

### Longer Term Noise Monitoring?

If you are monitoring at a single location then you may prefer the EM2030 Online Noise Monitor, which includes an extra weatherproof case and installation materials for mounting it more permanently.

### What is Included?

Our order code **EM2030P/G** includes the following:

- EM2030 Noise Monitor
- Portable weatherproof enclosure
- Outdoor microphone
- 1 year data contract

### Power Requirements

This basic version of the EM2030P is intended for use in areas where power is available (110V to 240V AC). For use where power is not available you will also need the **EMBP2786** battery pack.

## EM2030P Portable Online Noise Monitor

### Specifications

#### Specifications

|                       |  |
|-----------------------|--|
| Standards             | IEC 61672 Class 1 and ANSI S1.4 Type 1             |
| Mic. Sensitivity      | 50mV/pa  |
| Mic. Power Supply     | Constant current ICP                               |
| Mic. Connection       | BNC to BNC   |
| Frequency Weighting   | A-weighting and C-weighting                        |
| Frequency Range       | 20Hz to 20kHz<br>16 to 121 dB(A)                   |
| Parameters            | Leq, L5, L10, L50, L90, L95, Lmax                  |
| Measurement Periods   | 1, 5, 10, 15 or 30 minutes                         |
| Data Storage          | 5 year (at 5 minute logging)                       |
| Weatherproof Case     | 340 x 300 x 150mm                                  |
| Weight                | 3kg  |
| Power                 | 110V to 240V AC to charger<br>12V to noise monitor |
| Operating Temperature | -10°C to 50°C                                      |
| Humidity              | 0 to 95%   |
| Communications        | 802.11b/g Wi-Fi and 3G/4G cellular                 |

#### Computer Requirements

As the data handling and report generation is handled by a web server, the computer requirements are very basic. To view the reports online you need the following:

- Access to the Internet (only low bandwidth needed)
- Web Browser - Explorer, Firefox, Chrome, Safari - other standard browsers should work

If you want to download the measurements and work with them locally we recommend using Excel or similar spreadsheet. The files are simple CSV text files that will load into many different applications.

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#### Web Sites

Main site:  
<https://eu.noisemeters.com>

Product shortcut:  
<https://eu.noisemeters.com/p/em2030p/g/>

Tech Support:  
<https://support.noisemeters.com>