

## Outdoor Noise Kit with 1/3 Octave Band Filters



### Features

- Weatherproof case and outdoor microphone
- Real-time 1/3 octave band filters
- 12 day battery or external power
- All measurements made simultaneously
- Audio recording
- All parts & software included

### Applications

- Environmental noise surveys
- Tonal noise assessments
- Construction and demolition sites
- Factory and industrial site boundary noise
- Road traffic and other transport noise
- Wind farm noise survey

### Overview

The WPK Outdoor Noise Measurement Kits are designed for outdoor applications, where a meter needs to be left unattended in poor weather conditions to monitor for up to a week:

These noise measurement kits include a Sound Level Meter that was designed specifically for environmental noise measurement. The meter meets the sound level meter standards to Class 1 and makes all the measurements required by most such surveys, including the periodic LAeq and the statistical Ln parameters (L10, L90, etc).

### Real-time 1/3 Octave Band Filters

This version of the outdoor kit (order codes WPK171B and WPK172B) include a version of the Optimus Green sound level meter with 1/3 octave band filters, making it ideal for measuring noise that may have a tonal content.

### Our Recommendation

For most 1/3 octave band environmental noise surveys we recommend the **WPK171B** Outdoor Kit. This is a Class 1 meter with real-time filters, automatic timed measurements and audio recording.

For more details please see the **Which Meter** tab.

### Tonal Noise to ISO 1996-2?

For measuring noise to the ISO 1996-2:2007 standard, there is a version of this kit fitted with the Tonal Noise Detection:

- WPK171C Outdoor Kit with Automatic Tonal Noise Detection

## Outdoor Noise Kit with 1/3 Octave Band Filters

### Specifications

Noise Measurements	See Optimus Green Specifications
Connectors	Microphone input from MK:172 Outdoor Microphone External Power Connector
External power	12-18v DC
Dimensions	465 x 180 x 355 mm
Weight	14.1 kg / 31 lbs including: 2 x batteries, charger & outdoor microphone

---

#### Head Office

NoiseMeters Ltd  
7 Jayes Park  
Ockley  
Surrey  
RH5 5RR

Telephone **0845 680 0312**  
Fax **0845 680 0316**

Email: **info@noisemeters.co.uk**  
Support: **support@noisemeters.co.uk**

#### Web Sites

Main site:  
<https://www.noisemeters.co.uk>

Product shortcut:  
<https://www.noisemeters.co.uk/p/wpk171b/>

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