NoiseMeters
Phone: 888 206 4377
Email: info@noisemeters.com

Outdoor Noise Kit with 1/3 Octave Band Filters

Features

- Weatherproof case and outdoor microphone
- Real-time 1/3 octave band filters
- Automatic tonal noise detection
- 12 day battery or external power
- 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 Type 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 WPK171C and WPK172C) include a version of the Optimus Environmental 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 **WPK171C** Outdoor Kit. This is a Type 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?

The sound level meter in this kit has real-time 1/3 octave band filters and the **Tonal Noise Detection** module.

You can read more about tonal noise detection and ISO 1996-2:2007 on the sound level meter page.

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Specifications

Noise Measurements	See Optimus Environmental 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 Inc
3233 Coolidge Hwy
Berkley
MI 48072
USA

Telephone **888 206 4377**
Fax **888 584 2230**

Email: **info@noisemeters.com**
Support: **support@noisemeters.com**

Web Sites

Main site:
https://www.noisemeters.com

Product shortcut:
https://www.noisemeters.com/p/wpk171c/

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