

PicoScope[®]

THREE-AXIS ACCELEROMETER

Vibration and Acceleration

Three-axis accelerometer and interface included

Simply plugs into any PicoScope oscilloscope

± 5 g measurement range

DC to 350 Hz frequency range



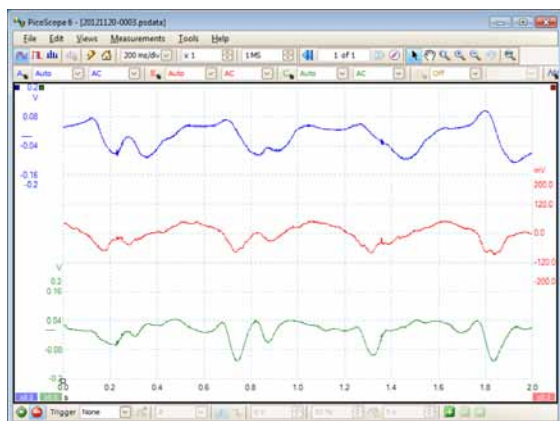
Designed for use with PicoScope oscilloscopes, compatible with most other oscilloscopes and data loggers

Connections



PicoScope 6 software

It is easy to see the output of your three-axis accelerometer by connecting it to a PicoScope oscilloscope and opening our PicoScope 6 software.



Kit contents

The PicoScope Three-Axis Accelerometer kit contains the following items:

- 1 x Accelerometer sensor
- 1 x Mounting magnet
- 1 x Sensor Interface
- 3 x BNC cables
- 1 x Quick Start Guide

Specifications

| | |
|-------------------------------------|--------------------------|
| Weight (Interface/Vibration Sensor) | 120 g / 80 g |
| Dimensions | |
| Sensor Interface (inc. BNCs) | 105 mm x 65 mm x 27 mm |
| Magnet (inc. fitted grub screw) | 12 mm x ø18 mm |
| Battery (Lithium Primary Cell) | CR123(A) 3 V |
| Battery life (Shelf/Vibration mode) | 10 years / 6 months |
| Maximum measurable acceleration | ±5 g |
| Output BNC | 0-2 V DC coupled |
| Vibration frequency (3 dB) | DC to 350 Hz |
| BNC overvoltage protection | 30 V |
| Shock survivability (sensor head) | 10,000 g |
| Temperature range (operating) | |
| Sensor head | -40 °C to 85 °C |
| Thread mounting (sensor) | 1/4" x 28 UNF |
| EMC approvals | CE: Meets EN61326-1:2006 |
| Output scaling | 99 to 122 mV/g |
| 0 g output (all axes) | 0.85 to 1.15 V |

Ordering information

| ORDER CODE | DESCRIPTION | GBP | USD* | EUR* |
|------------|------------------------------|-----|------|------|
| PP877 | Three-Axis Accelerometer Kit | 249 | 410 | 300 |

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