

MarMonix MVB 200

Vibration Meter



Quick Spec Highlights

- **Acceleration:** 0.1–199.9 m/s² Peak
- **Velocity:** 0.1–199.9 mm/s RMS
- **Displacement:** 0.001–1.999 mm P-P
- **Frequency:** 10 Hz–1 kHz (LO) / 1 kHz–15 kHz (HI)

Key Features

- **Simple** to use, the structure is **compact, portable** for carrying along with measurement
- **Visually display measurement** value and state
- **Acceleration, velocity** and **displacement** measurement
- **Different vibration frequency** selection
- **High sensitivity probe** for accurate measurement
- Equipped with **AC signal output interface**
- Low power indication
- **Auto power-off**
- **LCD backlight**

Ordering Info

- **Part Number :** 7603181
- **GTIN:** 6298043998253

Package Contents

- 1 x MVB 200 (main device)
- 1 x Long probe
- 1 x Short probe
(Equiped on the main unit)
- 1 x 9V Alkaline Battery
- 1 x Carrying Case
- 1 x User Manual
- 1 x Certificate of Conformity
- 1 x Warranty Card

Warranty

This device is covered by a 2-year warranty from the date of purchase, ensuring reliability and long-term support. The warranty applies to defects in materials and workmanship under normal use. It excludes consumables (fuses, disposable batteries) and damage caused by accident, misuse, modification, contamination, or operation outside specified conditions.

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Specifications

Specifications	
Technical Parameter	Technical Specification
Vibration Pickup	Piezoelectric ceramic accelerometer (shear-type)
Acceleration Range	0.1 ~ 199.9 m/s ² peak
Velocity Range	0.1 ~ 199.9 mm/s rms
Displacement Range	0.001 ~ 1.999 mm p-p
Range Limitation	Velocity and displacement range limited by 199.9 m/s ² acceleration
Measurement Accuracy	±5% ±2 digits
Acceleration Frequency Range	10 Hz–1 kHz (LO), 1 kHz–15 kHz (HI)
Velocity Frequency Range	10 Hz–1 kHz (LO)
Displacement Frequency Range	10 Hz–1 kHz (LO)
Display Update Cycle	1 second
LCD Display	3½-digit LCD
Output	AC output 2 V peak (full scale); load impedance ≥10 kΩ; earphones supported
Power Supply	9V Alkaline battery
Static Current	≤20 μA
Operating Current	≤25 mA
Battery Life	20 hours continuous use
Auto Power-Off	Automatically turns off in 60 seconds
LCD Backlight	7 seconds
Operating Temperature	0 ~ 40 °C
Operating Humidity	30 ~ 90% RH
Low Battery Indication	6.9 V ±0.2 V
Dimensions	67 × 30 × 183 mm
Weight	182 g (including battery)

Disclaimer

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