

Rechargeable portable device designed



AVM 1000/P is a compact, rechargeable, portable device designed to conform to ISO10816-3 and operate with a constant current accelerometer providing an accurate vibration measurement.

The AVM 1000/P is a compact, rechargeable, portable device designed to conform to ISO10816-3 and operate with a constant current accelerometer providing an accurate vibration measurement. Features comprise of the ability to store up to 100 time-stamped readings, including; RMS, peak, peak-peak, crest factor and bearing conditions all on an easy to read vibrant colour LCD display.

Features:

- Rechargeable Lithium-ion battery with worldwide charger
- Switchable low pass filter
- User-selectable units
- High visibility colour LCD display.
- RMS, peak, peak-peak, crest factor readings in acceleration, velocity or displacement modes
- Bearing condition modes (acceleration and velocity)
- 100 memories can store vibration and time/date
- Industrial rubber case
- Adaptive amplifier for high accuracy
- AC output
- Audio output for listening to vibration directly
- Supplied with MTN/2200 probe sensor, others available.

Specifications

- Acceleration: 20 g
- Velocity: 200 mm/s
- Displacement: 2000 μm (Different ranges available)
- Modes: RMS, Peak, Peak-peak, Crest factor, Bearing acceleration, Bearing velocity
- Standard: ISO10816-3
- 8 modes for machine classes I, II, III, IV, rigid/fixed foundations: 20g
- Visual indication of machine status: Unacceptable, Unsatisfactory, Satisfactory, Good
- Low pass filters. 1 kHz, 5 kHz, 10 kHz
- Band-pass filter: 1-10kHz
- Acceleration: g, m/sec²
- Velocity: mm/sec, in/sec
- Displacement: μm , mils
- Type: TFT 16 bit colour
- Resolution: 160 x 128
- Viewing angle: 100°
- Viewable size: 35 x 28 mm
- Size: 100 slots storing vibration, time, date, filter, units, crest factor
- Power: USB mini-B
- Headphones/AC signal: 3,5 mm stereo
- Sensor: 4 pin Lumberg
- Operating temperature: 0 to +45°C
- Storage temperature: -20 to +60°C
- Charger: 100-240V/5V 1A USB with 4 adaptors
- Battery: Li-ion 3.7V
- Battery life: >20 hours
- Power status: Battery icon indicates charging status, battery level
- Size (L x W x H): 130 x 78 x 28 mm
- Accessories: VIBmeter, Probe, Magnet, 4" $\frac{1}{4}$ "-28UNF Spike, Coiled sensor cable, USB A to mini USB B cable, Worldwide adaptor with 4 adaptors, Carry case, Handbook



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