



The VI-100

The VI-100 provides measurements in displacement, velocity or acceleration.

It is designed to be used in industrial or environmental applications for general purpose investigations such as shock or pulsation checks, basic machinery condition monitoring and comparative studies, quality specification checks or general engineering work.

Industrial hygienists can use the VI-100 to evaluate tool vibrations and isolation effectiveness when workers are exposed to potentially hazardous conditions.

The simple four-button control provides for easy operation and the large LCD readout makes for easy viewing of data. The handheld meter, housed in a metal case, is extremely lightweight weighing only 14.6 ounces.

VI-100 Technical Specifications

Range: (All values in RMS units)

Low

- Acceleration 0.01 - 19.99 g's
- Velocity 0.01 - 19.99 cm/sec

- Displacement 0.01 - 19.99 meters x 10⁻⁵

High

- Acceleration 0.1 - 199.9 g's
- Velocity 0.1 - 199.9 cm/sec
- Displacement 0.1 - 199.9 meters x 10⁻⁵

Temperature Range:

- VI-100: 0 - 60°C.(32 to 140°F)

Relative Humidity:

- 0 - 95% RH non condensing.

Power:

- (2) 9-volt alkaline batteries (NEDA 1604, IEC 6LR61) provide roughly 40 hours of operation. Replace BOTH batteries when the low battery indicator appears in the display.

Size:

- Unit: 2.75 x 8.5 x 1.0 inches (7.0 x 21.6 x 2.5 cm).

Weight:

- Unit: 14.6 ounces (414 g) including batteries.
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