EXTECH®

PRODUCT DATASHEET

VB460 Vibration Meter with Built-in ISO Alarms



The VB460 helps maintenance professionals quickly assess machine health with built-in ISO alarms, FFT analysis, and interchangeable probe options. Ideal for route-based inspections of motors, pumps, fans, and gearboxes, it delivers faster diagnostics and more flexible measurements than traditional vibration meters.

Applications:
Ensuring proper installation/maintenance and consistent productivity of: Motors, bearings, Fans, Pumps, Rotating machinery and other industrial facility equipment

VB460 Features

- Three probe options for different inspection needs
- H-shaped magnetic probe adapts to curved and irregular machine surfaces
- Strong magnetic attachment enables hands-free measurements
- Long probe reaches difficult inspection points
- Short probe allows rapid spot-check measurements
- Faster and more flexible route-based inspections



VB460 Specifications	Range	Fequency Range	Max Resolution	Basic Accuracy
Acceleration (Peak)	0.1 to 199.9 m/s² (0.33 to 655.84 ft/s²)	Low: 10 Hz to 1 kHz High: 1 kHz to 3 kHz	0.1 m/s² (0.01 ft/s²)	±5% + 2 digits; ±10% + 2 digits
Displacement (Peak to Peak)	1 to 1999 µm (0.039 to 78.701 mil)	10 Hz to 1 kHz	1 µm (0.039 mil)	±10% + 2 digits
Velocity (RMS)	0.1 to 199.9 mm/s (0.004 to 7.870 in/s)	10 Hz to 1 kHz	0.1 mm/s (0.001 in/s)	±5% + 2 digits
Display	2.8-inch color screen			
Battery	Rechargeable Li-Ion Polymer battery			
Charging port	USB Type-C (5 V DC, 2 A)			
Charging temperature	0 to 45°C (32 to113°F)			
Operating temperature	-10 to 50°C (14 to 122°F)			
Storage temperature	-20 to 60°C (-4 to 140°F)			
Certifications	EMC, CE (EN61326-1), FCC (PART 15b)			
Warranty	2 years			
Accessories included	VB460 probe with piezolelectric sensor, short tip, long tip, magnetic tip, USB cable, pouch			
Dimensions	70 mm × 46 mm × 185 mm (2.75 × 1.81 × 7.29 in)			
Weight	270 g (9.5 oz)			

Ordering

VB460 ..... Vibration Meter with Builtin ISO Alarms

CE

VB460 UPC Code 793950714607

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