

Vibration Tester



Model: VM-1260DET

Applications

Vibration Tester Applied to the periodic motion measurements to detect moving mechanical imbalances and misaligned. Designed for on-site measuring various mechanical vibration, for quality control, running time and prior equipment maintenance data. Selection of high-performance accelerometers to achieve accurate, replicable measurement It has a bearing condition measurement function.

Features

- * In accordance with ISO 2954, used for periodic measurements, to detect out-of-balance, misalignment and other mechanical faults in rotating machines.
- * Specially designed for easy on site vibration measurement of all rotating machinery for quality control, commissioning, and predictive maintenance purposes.
- * Individual high quality accelerometer for accurate and repeatable measurements.
- * Wide frequency range (10Hz~10kHz) in acceleration mode.
- * AC output socket for headphones and recording.
- * Optional headphones for use as electronic stethoscope.
- * Bearing condition monitoring function.
- * Use "USB data output" with connection PC
- * Automatic range conversion

Specifications

Transducer	Piezoelectric accelerometer
Accuracy	±5%+2 digits
Measurement Range	Displacement : 0.001-4.0mm equivalent peak-peak
	Velocity : 0.01-400.0 mm/s true RMS
	Acceleration : 0.1-400.0 m/s ² equivalent peak
	Frequency: 1~20,000Hz
wave detector	Optional wave detector
Frequency Range	Displacement : 5Hz. ~ 1kHz.
	Velocity :5Hz. ~1kHz.
	Acceleration: 5Hz. ~ 10kHz.
Operating Conditions	Temperature : 0-50 °C
	Humidity : below 95% RH
Analogue Output	AC output 0~2.0V peak full scale (load resistance: above 10k)
Power Supply	4x1.5vAA (UM-4) Battery
Size	140x70x32mm

Accessories

Standard Accessories	Host
	Magnetic Suction Seat
	Probe (Cone)
	Probe (Spherical)
	Piezoelectric Sensor
	Carrying Case
Optional Accessories	Manual Book
	Headset
	USB Data Output