Vibration Tester

Product Description

Amittari 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.

Product Feature

* 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” and “RS-232 data output” with connection PC

AV-160A

Product Parameters

Transducer	Piezoelectric accelerometer
Accuracy	±5%+2 digits
Measurement Range	Displacement : 0.001-4.000mm equivalent peak-peak / 0.04-160.0 mil
	Velocity : 0.01-400.0 mm/s true RMS / 0.000-16.00 inch/s
	Acceleration : 0.1-400.0 m/s² equivalent peak / 0.3-1312 ft/s² / 0.0-40g
Frequency Range	Displacement : 10Hz. ~ 1kHz.
	Velocity :10Hz. ~1kHz.
	Acceleration: 10Hz. ~ 10kHz.
Operating Conditions	Temperature : 0-50 ℃
	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	140x70x30mm
Weight	130g (Not including Batteries)

Product Accessories

Standard Accessories	Host
	Magnetic Suction Seat
	Probe (Cone)
	Probe (Spherical)
	Piezoelectric Sensor
	Carrying Case
	Manual Book
Optional Accessories	Headset
	USB Data Output
	RS-232 Data Output