AV-160B- - Features and Benefits

- 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(Optional)
- Provide Bluetooth data output choice(Optional)

OverView

The Vibration Tester can display the parameters of “Displacement”, “Velocity” and “Acceleration” simultaneously; 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.

Main Specifications

Measurement Range	
Displacement	0.001~4.000 mm equivalent peak-peak / 0.04~160.0 mil
Velocity	0.1~400.0 mm/s true RMS / 0.004~16.00 inch/s
Acceleration	0.1~400.0 m/s^2 equivalent peak / 0.3~1312 ft/s^2 / 0.0~40g
Transducer	Piezoelectric accelerometer
Accuracy	±5%+2 digits
Frequency Range	
Displacement	10Hz~1kHz
Velocity	10Hz~1kHz
Acceleration	10Hz~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	4x1.5vAAA (UM-4) Battery
Dimension	140mmx70mmx30mm
Weight	130g (Not including Batteries)

Buying Guide

When you choose the model number of Amittari instrument, the default is standard delivery. If you need other optional accessories, please tell our customer -service worker.

The following three items are basic optional accessories choices

Standard Accessories**+USB** data output

Standard Accessories**+Bluetooth** data output

Standard Accessories

Main Unit
Magnetic suction seat
Probe (cone) / Probe (spherical)
Portable box
Brochures
Piezoelectric sensor
Carrying Case
Operation Manual

Optional Accessories

Headset
USB data output
RS-232 data output
Bluetooth™ data output