Vibration Tester

Description

The 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



- Meet ISO 2954, used for periodic measurements, to detect out-of-balance, misalignment and other mechanical faults in rotating machines
- Wide frequency range (10Hz~10kHz) in acceleration mode
- Individual high quality accelerometer for accurate and repeatable measurements
- Bearing condition monitoring function
- AC output socket for headphones and recording
- Optional headphones for use as electronic stethoscope
- Use USB data output with connection PC

Art.No.	*527-400VA*
Barcode	*6976367674090*
Accuracy	*±5% +2 digits*
Measuring range	*Displacement : 0.001-4.000 mm equivalent peak-peak* *Velocity : 0.1-400.0 mm/s true RMS* *Acceleration : 0.1-400.0 m/s² equivalent peak*
Frequency range	*Displacement : 10Hz. ~ 1kHz.* *Velocity :10Hz. ~1kHz* *Acceleration: 10Hz. ~ 10kHz*
Operating Conditions	*Temperature: 0~50°C Humidity:<90%RH*
Analogue Output	*AC output 0~2.0V peak full scale (load resistance: above 10k)*
Power Supply	*4x AAA Battery 1.5V*
Dimensions	*140x70x30mm*
Weight	*130g(No Batteries)*

Fwn-31s Automatic Bearing Ring Tester





Description

- Suitable for mass testing of ring-shaped parts, automatic sorting, feeding and unloading etc.
- For bearing rings and ring-shaped parts
- To measure OD, ID and thickness etc.
- Auxiliary test: the spherical surface of bearing rings or circlar groove processed or not
- Quenched and ground measuring datum
- Carbide tips,THK precision guide
- high precision grating displacement transducer
- PLC control system
- Built-in interfaces such as control,calibration, data monitoring and data management.
- Power: AC Volts 220V±15: Frequency 50HZ
- Air source: 0.4~0.6Mp, Air hose¢ 8mm
- Operation temperature:0°C ~ 40°C Humidity <90%RH
- Delivered with a manual



Control interface



Calibration interface



Measurement interface



Data monitoring interface

Art.No.	*5280-100*
Model	*FWN-31S*
Range (OD)	*¢ 30-100 mm*
Range(ID)	*¢ 20-90 mm*
Range(thickness)	*10-30 mm*
Resolution	*0.0002 mm*
Indication error	*±0.005 mm*
Repeatability	*0.005 mm*
Inspecting frequency	*3~6s/pcs*
Size	*600x400x1300 mm*
Net weight	*≈ 100 KG*

