

UVM-20

Universal Vibration Meter

2000
DIAMECH

Vibration Diagnostic and Balancing Machines

Compact and simple to operate, this economical vibration meter is an ideal tool for obtaining spot measurements of machinery vibration.

UVM-20 can measure vibration levels in acceleration, velocity or displacement. The users can select to display the vibration results in their preferable units.

UVM-20 is a portable instrument for fast and easy measurement of bearing condition in preventive maintenance. The user simply attaches the magnetic mount accelerometer to the machine, presses a button and reads the display. UVM-20 measures the condition of ball and roller bearings, also can be used to determine lubrication condition.

UVM-20 also has an electronic stethoscope function for detecting machine sound irregularities.



Standard specification

Frequency Range	5 Hz to 10 kHz
Vibration Sensor	Piezoelectric Accelerometer 100 mV/g
Output	Audio (3.5 mm), Sensor Power
Power	Rechargeable battery (1,6 Ah)
Operating Time	6 hours continuous
Accuracy	5%
Display	LCD, Hold and Low Battery indicators
Mechanical construction	Aluminium housing of rugged and shock-proof design
Protection Class	IP 54
Weight	325 g
Dimensions	165 x 55 x 30 mm
Operating Temperature Range	-10 °C to +60 °C

UVM-20 Standard Kit

- UVM-20 measuring instrument with built in rechargeable battery, operating dialog in English
- Piezoelectric acceleration sensor AC102-1A
- Short sensor probe
- Holding magnets for flat surfaces
- Connection cable 1,5 m long
- Stereo Headphones
- Power and charger unit
- CD-ROM with operating manual in English
- Soft case