

## FEATURE

**METRAVI** Presents a small Micro Processor based diagnostic tool for comprehensive condition analysis of rotating machinery. Objective measurements of machine condition are needed as a reliable base for preventive maintenance. Now maintenance personal can analyze bearing condition, measure machine vibration and check rotational speed - with a single and easy to use instrument. The best way is to periodically monitor bearing condition and replace the bearing at the right time by least influencing the production efficiency.

- Direct indication of machine condition in terms of good - reduced - bad.
- Mechanical Condition of bearings
- Lubrication condition of bearings
- Damage severity readings for rolling bearings.
- Non - contact measurements of rotational speed.
- Vibration severity measurements according to ISO recommendations.

## TECHNICAL SPECIFICATIONS

### Bearing Tester Function

Measuring range	0 to 99dBpv
Resolution	1 dBpv

### Vibration Tester Function

Measuring Range	0.1 to 99.9mm/s RMS
Resolution	0.1 mm/s
Accuracy	+/- (2% + 0.1 mm/s)

### Laser Tachometer Function

Measuring range:	10 to 20000 RPM
Measuring Distance:	10 feet
Resolution:	1 rpm
Temperature range:	0°C to 50°C
Display	16 x 4 line Dot Matrix LCD
Keypad:	Seale membrane
Auto Off	Yes
Casing:	ABS

### Standard Accessories

- Bearing probe
- Head Phone
- Accelerometer (Magnetic Base, Hand-held probe, Cable)
- Laser Tachometer Probe
- User Manual
- Battery 9V
- Carrying Case



\*Technical Specifications & Appearance are subject to change without prior notice