

BEARING (SHOCK PULSE) CONDITION ANALYZER BVT-111

Three Instruments in one

Bearing Condition Monitoring



Machine Vibration Monitoring



Rotational Speed



FEATURES

- ❖ Direct indication of machine condition in terms of good – reduced – bad in condition scale
- ❖ Detect mechanical condition of bearings
- ❖ Damage severity readings of bearings
- ❖ Detecting lubrication condition of ball-and-roller- type Bearings
- ❖ Non-contact measurements of rotational speed
- ❖ Vibration Measurements according to ISO recommendations.

MCM 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.

Technical Specifications:

Bearing Tester Function		Laser Tachometer Function	
* Measuring range (Shock Pulse)	-19 to 99 dBpv	* Measuring range	Up to 19,999 RPM
* Resolution	1 dBpv	* Measuring Distance	Up to 2 feet
Vibration Tester Function		* Resolution	1 rpm
* Measuring Range	0.1 to 99.9mm/s RMS	* Temperature range	0°C to 50°C
* Resolution	0.1 mm/s	* Display	16x4 line Dot Matrix LCD
* Accuracy	+/- (2% + 0.1 mm/s)	* Keypad	Sealed membrane

Standard Supply:

- 1) Bearing Analyzer BVT-111 with Protective Pouch, 2) Bearing Probe, 3) Vibration Transducer VSF-1F (Accelerometer), Magnetic Base, Low Noise Cable with Connectors 1.5Mtrs, Hand-Held Probe rod, 4) Head Phone , 5) Laser Tachometer with Reflecting Tapes, 6) Manual, 7) Batteries-6 nos (1.5V AA), 8) Test & Calibration Report with Warranty/Guarantee Certificate & 9) Carry Bag.



MCM INSTRUMENTS

(An ISO 9001:2008 Certified Company)

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