

MACHINE CONDITIONER- 803

(Suitable for Monitoring Machinery Vibration caused by imbalance, Misalignment & Gear Faults)
3 functions in one

Vibration, Tachometer, Electronic Stethoscope (Noise) Function



Features

- ❖ Vibration Measurement all three Parameter (Velocity, Acceleration & Displacement)
- ❖ Noise Test (Electronic Stethoscope) (Locate the sound source quickly and accurately in a generally noisy environment with headset)
- ❖ Laser Tachometer measurement
- ❖ Microcontroller based
- ❖ Battery Low Indication
- ❖ Data Hold
- ❖ Back light LC Display
- ❖ Small size & Light weight
- ❖ Auto Power off

Technical Specifications

<ul style="list-style-type: none"> • Vibration Velocity : 0.1 – 200 mm/s True RMS Accuracy: $\pm 2\% + 0.1$ mm/s 	<ul style="list-style-type: none"> • Power: Rechargeable Battery Pack with charger
<ul style="list-style-type: none"> • Acceleration: 0.1 – 200 m/s² Peak Accuracy: $\pm 2\% + 0.1$ m/s² 	<ul style="list-style-type: none"> • Display: 2 x 16 line back light dot matrix LCD
<ul style="list-style-type: none"> • Displacement: 1.0 – 2000 μm Peak – Peak Accuracy: $\pm 5\%$ Resolution: 0.1 mm/s Frequency response: 10HZ – 1KHZ 	<ul style="list-style-type: none"> • Operating Temp. Range: 0 - 55°C
<ul style="list-style-type: none"> • Electronic Stethoscope (Noise): Stereo type Head Set Contact Tip: 220mm Stainless Steel 	<ul style="list-style-type: none"> • Casing: ABS • Sealed Membrane key pad
<ul style="list-style-type: none"> • Laser Tachometer: 10 – 30000 rpm Resolution: 1 rpm Accuracy: $\pm (1 \text{ rev.} + 0.1\% \text{ of reading})$ 	<ul style="list-style-type: none"> • Input Connectors: BNC & Round • Size: 200x100x40 mm • Weight: 650gms (Approximately)

Standard Supply :

- 01) Machine Conditioner 803 with Protective Pouch,
- 02) Vibration Transducer (Accelerometer) VSF-1F, Magnetic Base, Low Noise Cable with Connectors (1.5 mtrs),
- 03) Head Phone & contact tip, 04) Laser Tachometer Probe with Reflecting Tapes (3 Strips), 05) Charger,
- 06) Manual, 07) Test & Calibration Report with Warranty/Guarantee Certificate & 08) Carry Bag.



MCM INSTRUMENTS

(An ISO 9001:2008 Certified Company)

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