

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 Parameters (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

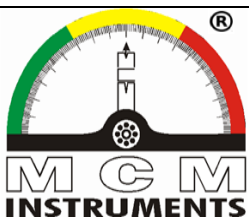
Technical Specifications

<ul style="list-style-type: none"> • Vibration Velocity : 0.1 – 199.9 mm/s True RMS Accuracy: $\pm 2\% + 0.1$ mm/s 	<ul style="list-style-type: none"> • Power: Rechargeable Battery
<ul style="list-style-type: none"> • Acceleration: 0.1 – 199.9 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 – 2828 μm Peak – Peak Accuracy: $\pm 5\%$ Resolution: 0.1 mm/s 	<ul style="list-style-type: none"> • Operating Temp. Range: 0 - 55°C
<ul style="list-style-type: none"> Frequency response: 10HZ – 1KHZ 	<ul style="list-style-type: none"> • Casing: ABS
<ul style="list-style-type: none"> • Electronic Stethoscope (Noise): Stereo type Head Set 	<ul style="list-style-type: none"> • Sealed Membrane key pad
<ul style="list-style-type: none"> Contact Tip: 220mm Stainless Steel 	<ul style="list-style-type: none"> • Input Connectors: BNC & MIC
<ul style="list-style-type: none"> • Laser Tachometer: 10 – 30000 rpm 	<ul style="list-style-type: none"> • Size: 200x100x40 mm
<ul style="list-style-type: none"> Resolution: 1 rpm 	<ul style="list-style-type: none"> • Weight: 600gms (Approximately)
<ul style="list-style-type: none"> Accuracy: $\pm (1 \text{ rev.} + 0.1\% \text{ of reading})$ 	

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.

Technical Data are subject to change without Prior Notice.



MCM INSTRUMENTS

(An ISO 9001:2015 Certified Company)

Office: Plot No: 146, Phase-1, Mytri Nagar, Madinaguda, Hyderabad-500 049, TS, INDIA .

Works: Plot No.82, MCM BHAVAN, Sai Anurag Colony, Nr.Sri Chaitanya IIT Academy Lane, Bachupally, Hyderabad-500090.

Email: info@mcmstruments.com / mcm_instrument@yahoo.co.in

For Products Catalogs log on to www.mcmstruments.com

Tel: + 91 9440845436, +91 9440375328

GST No. 36AWXPS7528J1ZG, HSN Code: 90301000, Service Code: SAC No. 998346