

MACHINE CONDITIONER- 808

(Suitable for Monitoring Machinery Vibration caused by imbalance, Misalignment & Gear Faults)

5 functions in one

Vibration, Tachometer, Infrared Temperature, Current Clamp, Noise Test



Features

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

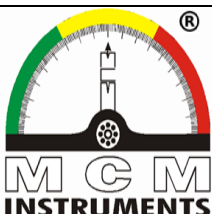
Technical Specifications

• Vibration Velocity: 0.1 – 199.9 mm/s True RMS Accuracy: $\pm 2\% + 0.1$ mm/s	Accuracy: $\pm 2\%$
• Acceleration: 0.1 –199.9 m/s ² Peak Accuracy: $\pm 2\% + 0.1$ m/s ²	Clamp jaw size: 16mm dia.
• Displacement: 1.0 – 2828 μ m Peak – Peak Accuracy: $\pm 5\%$	• Electronic Stethoscope (Noise) Test
Resolution: 0.1 mm/s	Head set: Stereo type
Frequency response: 10HZ – 1KHZ	Contact tip: 220mm Stainless Steel tip
• Laser Tachometer measuring Range: 10 – 30000 rpm	• Power: Rechargeble Battery
Resolution:1 rpm	• Display: 2 x 16 line back light dot matrix LCD
Accuracy: $\pm (1$ rev. + 0.1% of reading)	• Operating Temp. Range: 0 - 55°C
• Infrared Temperature Range: 0 - 550°C	• Sealed Membrane key pad
Resolution:1°C	• Input Connectors: BNC & MIC
Accuracy: $\pm 2\%$ of reading or 2°C	• Casing: ABS
Field of View: D/S = Approx. 8:1 ratio	• Size: 200x100x40 mm
• Current Clamp measuring range: 1 – 200 Amps	• Weight: 600gms (Approximately)
Resolution:1Amp	

Standard Delivery

- 1) Machine Conditioner 808 with Protective Pouch,
- 2) Vibration Transducer (Accelerometer) VSF-1F, Magnetic Base, Low Noise Cable with Connectors (1.5Mtrs),
- 3) Head Phone & Contact Tip, 4) Laser Tachometer Probe with Reflecting Tapes (3 Strips),5) Infrared Temperature Probe,
- 6) Current Clamp Probe, 7) Charger, 8) Manual, 9) Test & Calibration Report with Warranty/Guarantee Certificate, &
- 10) Carry Bag.

Technical Data are subject to change without Prior Notice.



MCM INSTRUMENTS

(An ISO 9001:2015 Certified Company)

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