

MACHINE CONDITIONER- 802T

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



Features

- ❖ Vibration Measurement all three Parameters (Velocity, Acceleration & Displacement)
- ❖ Infrared Temperature 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 Frequency response: 10HZ – 1KHZ 	<ul style="list-style-type: none"> • Operating Temp. Range: 0 - 55°C
<ul style="list-style-type: none"> • Infrared Temperature Range: 0 - 550°C Resolution: 1°C Accuracy: $\pm 2\%$ of reading or 2°C Field of View: D/S = Approx. 8:1 ratio 	<ul style="list-style-type: none"> • Casing: ABS • Sealed Membrane key pad • Input Connectors: BNC • Size: 200x100x40 mm • Weight: 600gms (Approximately)

Standard Supply :

- 01) Machine Conditioner 802T with Protective Pouch,
- 02) Vibration Transducer (Accelerometer) VSF-1F, Magnetic Base, Low Noise Cable with Connectors (1.5 mtrs),
- 03) Hand Held Probe Rod, 04) Charger, 05) Infrared Temperature Probe, 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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Technical Data are subject to change without Prior Notice.