

MACHINE CONDITIONER- 910 DATA LOGGER

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

5 functions in one

Vibration, Laser tachometer, Infrared Temperature, Current Clamp & Noise

Features

- ❖ Vibration Measurement all three Parameters
(Velocity, Acceleration & Displacement)
- ❖ Laser Tachometer measurement
- ❖ Infrared Temperature measurement
- ❖ Current Clamp measurement
- ❖ Electronic Stethoscope (Noise) (Locate the sound source quickly and accurately in a generally noisy environment with headset)
- ❖ Microcontroller based
- ❖ **1250 points Data logger**
- ❖ **RS232 /USB computer interface**
- ❖ **Data transmission software**
- ❖ Battery Low Indication
- ❖ Back light LC Display
- ❖ Small size & Light weight
- ❖ Auto Power off



Technical Specifications

• Vibration Velocity: 0.1 – 199.9mm/s True RMS Accuracy: ± 2% + 0.1 mm/s	Accuracy: ± 2%
• Acceleration: 0.1 – 199.9 m/s ² Peak Accuracy: ± 2% + 0.1 m/s ²	Clamp jaw size: 16mm dia.
• Displacement: 1.0 – 2800 µm Peak – Peak Accuracy: ± 5%	• Electronic Stethoscope (Noise)Test
Resolution: 0.1 mm/s	Head set: Stereo type
Frequency response: 10HZ – 1KHZ	Contact tip: 220mm Stainless Steel rod
• Laser Tachometer measuring Range: 10 – 30000 rpm	• Power: Rechargeable Battery
Resolution:1 rpm	• Display: 2 x 16 line back light dot matrix LCD
Accuracy: ± (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: ± 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 Supply:

- 1) Machine Conditioner 910 with Protective Pouch,
- 2) Vibration Transducer (Accelerometer), Magnetic Base, Low Noise Cable with connectors (1.5 Mtrs),
- 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, 11) RS232 to USB Converter & Cable.

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