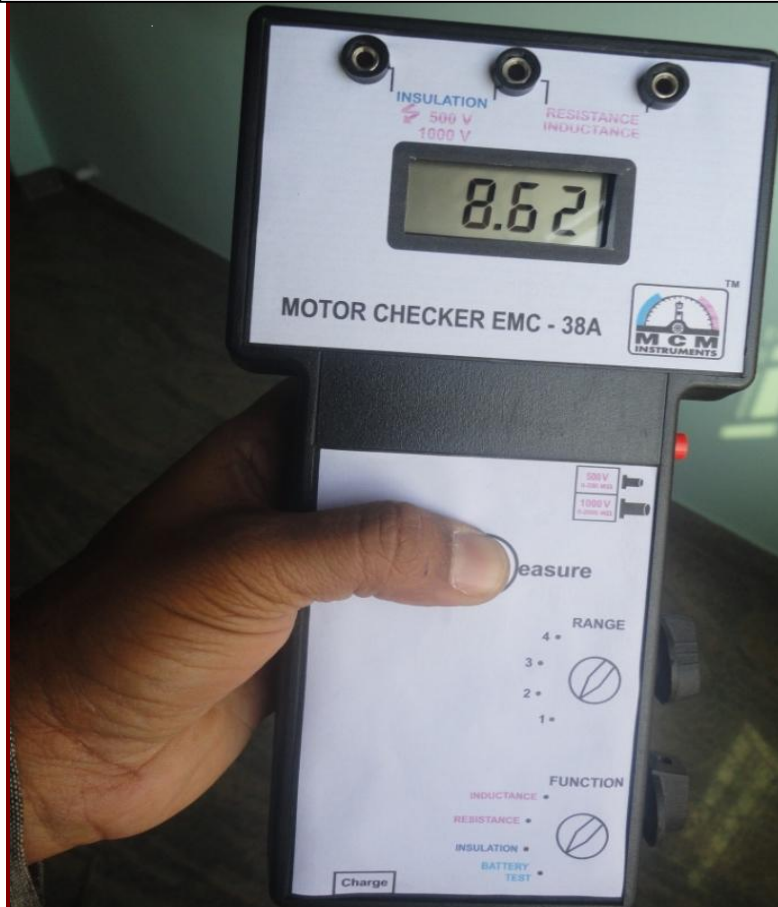


NEW

DIGITAL MOTOR CHECKER EMC-38A

- Electric Motor, Generator and Transformer Trouble Shooter
- Know in a few minutes what the problem is: Electrical or Mechanical
- Complete Condition of your STATOR, ROTOR, Coil, Connections, internal fault or ground fault



Features:

- Very handy
- Light Weight
- ABS Plastic Cabinet
- Built-in Rechargeable battery pack
- Insulation Resistance (IR) Measurement
- Identify open and short circuits / loose connections in a winding coil
- Identify interterm shorts
- Detect rotor bar problems without dismantling the rotor
- Inductance of the winding with respect to different positions for rotor for detecting blow holes or cracks in the rotor bars.
- Simple operation, accurate & quick assessment of motor condition.
- Low battery Indication

PREDICTIVE MAINTENANCE

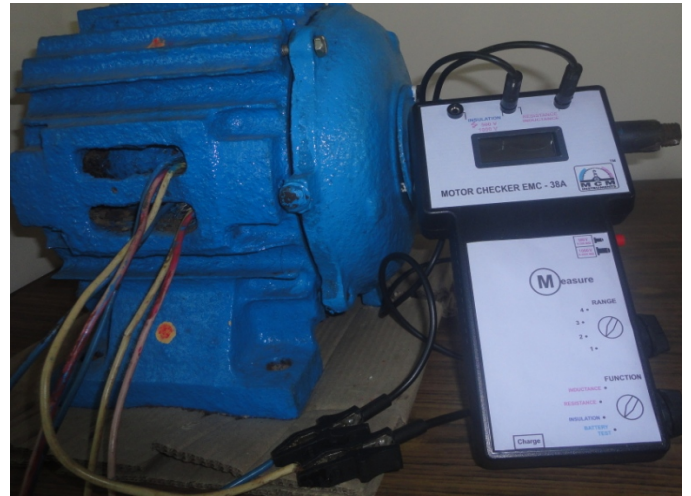
Regular testing can identify developing faults before a failure occurs. All measurement data can be trended for predictive maintenance condition monitoring. By making proactive repairs and eliminating unscheduled down- time , plant productivity is greatly improved.

EMC-38A is a Digital portable diagnostic tool for Electrical Engineer and is used for quick on - site checks of electric motor and other three - phase machines.

A reduction in machine performance, such as inefficient operation or tripping of overloads, may indicate mechanical or electrical faults. If the fault is electrical the EMC-38A will immediately defect it, without having to dismantle the equipment. The instrument has three separate operating modes to measure different types of faults like fully insulation, **open circuits / loose connections**, **short circuits**, **Ground faults** and **rotor defects**. Motor insulation is tested with a high voltage of **500V & 1000V** DC supplied by the instrument

Motor Checker EMC-38A finds the faults you can't see with any other hand – held instrument

- Turn -to-turn , coil-to-coil and phase-to-phase faults
- Open phase
- Burned or contaminated winding
- Poor Connections
- Broken / Cracked rotor bars
- Grounded windings
- Cable faults.



Technical Specifications

A) **INSULATION RESISTANCE:** 0 – 200 M Ω at 500 V DC \pm (2% + 1digit), 0.1 M Ω resolution
0 – 2000 M Ω at 1000 V DC \pm (2% + 1digit), 0.1 M Ω resolution

B) **RESISTANCE:** RANGE RESOLUTION

0 - 200 milli Ω 0.10 milli Ω

0 – 2 Ω 0.001 Ω

0 – 20 Ω 0.01 Ω

0 – 200 Ω 0.10 Ω

C) **INDUCTANCE:** RANGE RESOLUTION

0 – 2 mH 0.001 mH

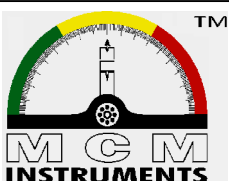
0 – 20 mH 0.01 mH

0 –200 mH 0.1 mH

0 –2000 mH 1 mH

* Display: 3½ LCD * Temp.Range:0- 55°C * Size: 237x131x45 * Weight:500gms

* Power: Internal Rechargeable battery pack



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