MOTOR CHECKER EMC-22

Electric Motor, Generator and Transformer Trouble Shooter

Know in a few minutes what the problem Electrical or Mechanical, coil or rotor, internal fault or ground fault

Features:

- Insulation Resistance Measurement
- Identify open and short circuits / loose connections in a winding coil
- Identify intertern shorts.
- Detect rotor bar problems without dismounting 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.

Fast Checks of On-Line Motors:

EMC-22 is a portable diagnostic tool for Electrical Engineer and is used for quick on site checks of electric 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-22 will immediately detect it, without having to dismantle the equipment.

The EMC-22 may also be used to check quality and condition of motors which have been in storage before they are installed.

The instrument has three separate operating modes to measure different types of fault like **fully insulation, open circuits / loose connections, short circuits and rotor defects. Motor insulation is tested with a high voltage of 500V DC supplied by the instrument.**

Technical Specifications:

Insulation Resistance: ± 5%	0-20 Megohms at 500 VDC, max. current 0.25mA
Resistance: ± 2%	0-60 ohms in 6 ranges (0.2 ohms F.S.D. in range 6
Inductance: ± 2%	0-300mH in 6 ranges (1mH F.S.D. in range 6)
Operating Temp. range	0 - 55°C
Size	210x125x65
Weight	1000gms (Approx.)
Power	1.5V x 6AA size cells

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