

DIGITAL MOTOR CHECKER
MC-45



- DC Resistance
- Data Hold
- Insulation Resistance
- Back light
- Inductance
- Alarm
- Over Range Display
- Low Battery Indication
- Relative Value Measurement
- High Accurate
- Auto Power Off
- CAT III 600V

- FEATURES :**
- ☒ 3½ DIGITS
 - ☒ 1,999 COUNT
 - ☒ INSULATION RESISTANCE MEASUREMENT
 - ☒ IDENTIFY INTER TERM SHORTS
 - ☒ IDENTIFY OPEN AND SHORT CIRCUITS / LOOSE CONNECTIONS IN WINDING COIL
 - ☒ DETECT ROTOR BAR PROBLEMS WITHOUT DISMOUNTING THE ROTOR
 - ☒ INDUCTANCE OF THE WINDING WITH RESPECT RO DIFFERENT POSITIONS FOR ROTOR FOR DETECTING BLOW HOLES OR CRACKES IN THE ROTOR BARS.
 - ☒ DATA HOLD
 - ☒ AUTO RANGE SWITCHING
 - ☒ HIGHLY ACCURATE, EASY TO USE
 - ☒ MILLIOHM RESISTANCE
 - ☒ USED IN LABORATORIES, FACTORIES, RADIO INDUSTRY, ELECTRICAL VEHICLE REPAIR, ELECTRONIC MANUFACTURING AND MAINTENANCE, POWER INSTALLATION

INSULATION RESISTANCE MEASUREMENT (MΩ)

RANGE	RESOLUTION	ACCURACY	NOTE
500V	200MΩ	0.1MΩ	Output Voltage is 500V (Testing Range:1MΩ – 199.9MΩ)
1000V	2000MΩ	1MΩ	
		± (4%+2)	Output Voltage is 1000V (Testing Range:1MΩ - 1999MΩ)

- Auto Power Off after 15 Mints.
- Sampling Rate: Approximately 3 times / second

WARNING: This range has high voltage output, be careful of electric shock!

DC RESISTANCE MEASUREMENT (Ω)

RANGE	RESOLUTION	ACCURACY	NOTE
200MΩ	0.1MΩ	± (3%+20)	Open circuit voltage about 5.0V
2Ω	0.001Ω	± (2%+20)	
20Ω	0.01Ω	± (1%+10)	
200Ω	0.1Ω		

POWER : AA 1.5V X 6

Dimension	: H200 x W92 x D50 mm
Weight	: Approx. 480 Gms.
Accessories	: Test Lead, Shockproof Cover, Carry Case, 1 set of Crocodile Clips Manual & Battery.

WARNING: Before testing, short-circuit the test leads. If the display doesn't return to zero and shows residual readings, press the "REL" button to clear it directly before measuring.

INDUCTANCE MEASUREMENT (L)

RANGE	RESOLUTION	ACCURACY	NOTE
2.000mH	0.001mH	± (1.5%+5)	Open circuit voltage about 5.0V
20.00mH	0.01mH		
200.0mH	0.1mH		
2.000H	0.001H		
20.00H	0.01H		
100.0H	0.1H		

TEST FREQUENCY: Approx. 1kHz