

INTRODUCTION

This Million Megohm Meter is an ideal instrument for measuring high resistance and insulation. Since it applies a high stable, IC regulated, H. T. of 100, 200, 300, 400 & 500 V DC across the element under test, it serves the purpose of a Megger also. It ensures the insulation resistance of the sample under stress, by subjecting it to the set voltage. It has a measuring range of 1 Megohm to 10 Million Megohms in six decade ranges and is capable of reading upto 10 Million Megohm (10^{13} ohms) with accuracy. Operational amplifiers ensure low drift, low input bias current and high stable performance. A separate Rx-NORM-HT switch with amber colour lamp indication facilitates to link or de-link HT with terminal. The HT can also check by and set accuracy in HT position by observing FSD and using fine and coarse HT controls.



TECHNICAL SPECIFICATIONS

Measurement Range	: 1 Megohms to 10 Million Megohms in Six decade range of X1, X10, X10 ² , X10 ³ , X 10 ⁴ & X 10 ⁵
Accuracy	: Within $\pm 5\%$
Test Voltage	: High stable 100V, 200V, 300V, 400V & 500V DC adjustable accurately with coarse Fine Control
Overload Protection	: Input operational amplifier protected against accidental overload in first four ranges.
Meter	: 200 micro-ampere moving coil type for good resolution
Power Supply	: 220V $\pm 10\%$ at 50 Hz

*Technical Specifications & Appearance are subject to change without prior notice