

CES - 412

MILLION MEGOHM METER



“**CROWN - MILLION MEGOHM METER**” is an ideal instrument for measuring high resistance & insulation. Since it applies a highly stable, IC regulated, H.T. of 100, 200, 300, 400 & 500V DC across the element under test, it serves the purpose of a Megger also. It erases the insulation resistance of the sample under test, by subjecting it to the set voltage. It has a measuring range of 1 mega of reading upto 10 million megaohm (10^{13} ohms) with accuracy. Op - Amp ensure low drift, low input bias current & high stable performance. A separate Rx - NORM - HT switch with amber color lamp indication facilitates to link or de - link HT with terminal. The HT can also check by & set accuracy in HT position by observing FSD & using fine & coarse HT controls.

SPECIFICATION :

Measurement Range : 1 mega ohms to 10 million mega ohm in six decade ranges of X1, X10, X10², X10³, X10⁴ & X10⁵

Accuracy : Within $\pm 5\%$

Test Voltage : Highly 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 : Moving coil type analog meter having good resolution for measurement of insulation resistance & voltage

Power Supply : 220V $\pm 10\%$ at 50 Hz

(SPECIFICATIONS & DESIGN SUBJECT TO CHANGE WITHOUT PRIOR NOTICE)