



MILLION MEGA OHM METER

“CROWN - MILLION MEGA OHM METER” is an ideal instrument for measuring high resistance & insulation . Since it applies a high table , 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 erasures the insulation resistance of the sample under stress , by subjecting it to the set voltage . It has a measuring range of 1 mega ohm to 10 million mega ohms fc in six decade ranges & is capable 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 : 200 micro ampere moving coil type for good resolution

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

CROWN ELECTRONIC SYSTEMS

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