

CATALOG OF INSULATION TESTERS

INSULATION TESTER HAND DRIVEN GENERATOR TYPE IN WOODEN BODY

YOKINS INSULATION TESTER HAND DRIVEN GENERATOR TYPE

Insulation Tester is a portable self-contained Instrument which is used for direct reading of insulation resistance of electrical installations and apparatus. The Insulation tester is composed of a hand driven A.C. generator and a high sensitivity cross-coil Indicator.

CROSS COIL INDICATOR: The indicating movement is of the cross coil ratio type and is designed so that voltage fluctuation, caused by irregular cranking have no influence on the results of measurement.

INFINITY ADJUSTMENT: This has been provided in the Instrument.

SILENT GENERATOR: The AC Magnet hand generator drive is extremely smooth and silent. There are no carbon brushes and commutators, to be replaced as in DC generators.

QUICK RESPONSE: The quick response saves the time and extend the life of the generator.

GENERAL CHARACTERSTIC RESPONSE TIME :
Less than 3 seconds, when a resistance, the value of which corresponds to the central scale mark is suddenly inserted between measuring terminals

LIMITS OF ERROR : The insulation resistance measurement is accurate to within(+/-)5% of the indicated value over the effective range and within (+/-)10% of the indicated value at the scale mark for the rest of the ranges in conformity with I.S.2992-1980

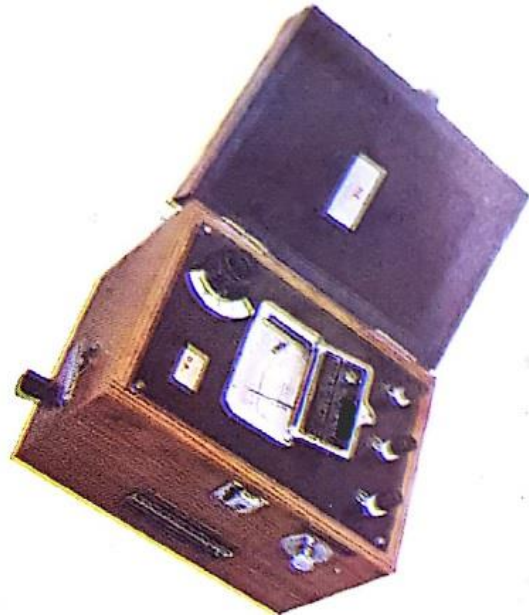
TOLERANCE OF VOLTAGE ACROSS MEASURING TERMINALS :
Within (+/-)10% of the rated voltage for scale mark of infinity and more than 90% of the rated voltage for the central scale mark in conformity with I.S.2992-1980.

ROTATIONS SPEED OF HANDLING : 160 R.P.M.

CENTRAL SCALE MARK : 1/50th of rated resistance value.

UNIQUE FEATURES

- Constant Pressure Generators
- Individually Calibrated
- Direct Reading No Setting Up Required
- Inherently Accurate Without Any Drift
- Reading Independent Of Speed Of Rotation
- Rugged And Sturdy- A Lifetime Investment



DIELECTRIC TEST	WITHSTAND 2 KV AC (rms)
INSULATION RESISTANCE	> 50MΩ AT 500VDC
DIMENSIONS	255x165x195mm(approx)
WEIGHT	2.0 kgs(approx)
STANDARD ACCESSORIES	1. A PAIR OF TESTING LEADS
	2. MANUAL & TEST CERTIFICATE