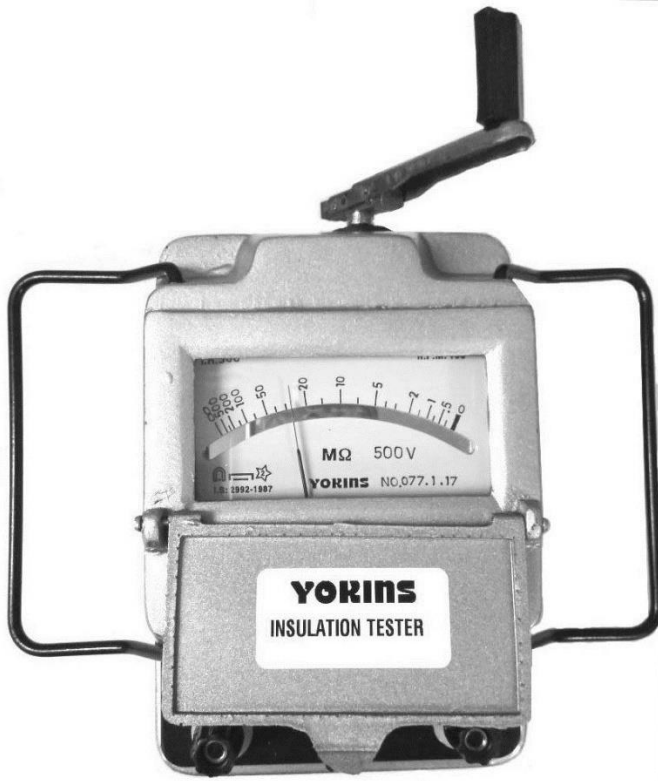


## Hand Driven Generator Metal Body Insulation Tester



Yokins insulation tester (meggers) hand driven generator type Insulation Tester is a compact, 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.

**Insulation resistance :** More than 50 megaohms between the electrical circuits and the case, when measured by applying 500V DC.

**Di-electric strength :** Withstands 1 minute application of 2000 volts AC(rms) between the electrical circuits and the case.

Catalog

Insulation Tester MB( to be attached)