

BO Series

Battery Operated Insulation Tester

Yokins transistorized portable insulation tester These have been designed with a view of stronger and rugged construction of individual components. The indicating Instrument is specially protected separately in a moulded case to prevent damages from dust at the time of servicing.

Specifications:

- Ranges: 500V/100 Mega Ohms & 1000V/200 Mega Ohms
- Accuracy: $\pm 0.5\%$
- Voltage: 500V & 1000V
- Insulation Resistance : 100/200 Mega ohms
- Operates with standard 9V battery
- Cross coil indicator
- Infinity adjustment
- Quick response



Special Feature

Knife edge pointer and Anti-parallax mirror scale for ensuring accurate readings

Push button operation and no troublesome cranks to turn.

Working Principal:-

- ❖ A push pull oscillator is used to convert DC voltage to AC, which is stepped up and further rectified to give the test voltage which is DC.
- ❖ A sensitive movement is used to detect the change in current due to insertion of resistance in the circuit.

Instructions for use:

Set the Insulation tester horizontally; check the pointer to indicate infinity (degree C) by the mechanical adjuster screw, below the meter window. Now connect the apparatus to be tested across the line & Earth terminal. Press the push button and read the value of the insulation resistance indicated by the deflection of the pointer. The scale is calibrated directly in mega ohms.

Model	Range
YOK-IT-500V100MO-BO-ABS	500V 100Mohms
YOK-IT-1000V200MO-BO-ABS	1000V 200Mohms