

# WACO ANALOGUE METAL BODY INSULATION TESTER

WACO HAND DRIVEN GENERATOR TYPE INSULATION TESTER

Confirms to IS: 2992-1987

## Application

'WACO' Insulation Tester is a compact portable unit incorporating most modern features used for direct reading of electrical operating machines, Rotating Plant equipment, Stationary apparatus, Insulation Control switching equipment, Distribution networks, Communication cables, Insulators, Transformers, Industrial Installations, Cable, electrical components, wiring and other devices capable of carrying the rated voltages. It is a versatile instruments in locating intermittent shorts defective electrical connections insulation and conductor failure and preventing costly repairs & break down insulation value.

## Metal Body

- Housed in Anti- magnetic aluminium body
- Metallic Flap over Glass window

Scale Length	: 90mm (approx.)
Rotation Speed	: 160 or more r.p.m.
Weight	: 2.5 kg. (approx.)
Dimensions (in mm)	: 110 x 128 x 195 (approx.)
Accuracy	: As per ISS: 2992-1987



## Features

- Silent Generator
- Graceful Appearance
- Accurate & Quick response
- Confirms to ISS : 2992/1987
- High sensitive cross coil indicator
- Collapsible Driven Handle-fold back flush into casing when not in use
- Chuck nut locking arrangement to prevent anti Clock-Wise Rotation
- Centrifugal Clutch (Governor) For Constant Output Voltage
- Guard Terminal & an externally accessible infinity adjuster are provided for instrument having insulation range 1000 megohms & above.

## Ranges

WACO ANALOGUE HAND DRIVEN GENERATOR TYPE METAL BODY INSULATION TESTERS are available from 100V to 5000V with respectively suitable resistance range. Special resistance range can also be manufactured against specific requirement .Multi range instruments are also manufactured provided with range selector switch.

## Electrical Specifications

Response Time	: 3 seconds
High Voltage Test	: Withstands minimum 2000 Volts or (Rated voltage + 1000) Volts A.C. (rms) between the electrical circuit & the handle for one minute
Insulation Resistance Test	: Better than 50 Megohms at 5000 V D.C. between the electrical circuit & the containing case