

Description

Current Transformer Test Set

It is used in scientific industry depending upon the requirements of different clients.

Superior quality raw material is used in its fabrication at our vendors' unit and processed using progressive machinery.

This process goes under the strict supervision of experts, ensuring no defect with our Current Transformer Test Set.

We have gained huge appreciation from our clients for its quality, durability, performance, finishing and easy usage.

Current Transformer Test Set

Mars secondary rated for 5Amp. Which are intended to be used on 50 Hz.

Technical Specification:-

The Current Transformer Test set provides the following components:-

Separate terminals to connect standard C.T. and Test C.T. secondaries.

Ratio error and phase angle error display

Range selecting Switch

Polarity check indicator

Ammeter to measure current injected in percentage

Null detector with sensitivity control

Terminals to connect burden box on both std. & under test

Secondary current selector 1A . or 5A

Current Transformer Test Set

Scope of Experimentation:-

Automatic and Manual facilities to measure the ratio error & Phase Error

Technical Specifications:-

LCD Display.

LED Indication.

Aux. ON/OFF Switch.

Current Range Selection - 1A & 5A AC.

Hold Key.

Standard CT & Burden Terminals.

'X' CT & Burden Terminals.

A) Percentage Ratio Error Display

B) Phase Ratio Error : 0-1000 Minutes

C) Input Current : 0.05A to 7.5A AC

D) Accuracy : + 1% of reading

E) Burden : On Standard Transformer 1.5VA at U.P.F.,

on 'X' Transformer same as connected

Externally at 'X' Burden terminal +1.5 VA

F) Indication : a) Reverse Polarity

b) 'Std'C.T. Sec.open

c) 'X' C.T. Sec. Open

d) Difference Ratios of 'Std' & 'X' CT Hiimbalance

e) Over Current

f) Ratio Error Polarity

g) Phase lag-lead

h) Phase Error Over Range

Compact in size.

Light in weight.

High Accuracy.

Reverse Polarity indication.

Direct reading from LCD display.

The Ratio Error is directly given in percentage.

The Phase Error is directly given in minute.

Current Injection Set

Output Variable Current 100Amps, Provided with Digital Current meter

1 No. Variac 2 Amp Closed for Checking of knee Point voltage

2No Digital Multimeter for checking of knee Point voltage

Current Meter & Timer

CT 100 :5A – 2Nos

CT 100 :5A (For Magnetizing Curve)
