



Applications



Toroidal Cores

CT CORE TESTER VCCT

KEY FEATURES

- Direct Measurement of Voltage & Current
- Table Top Model
- Variable Test Voltage Setting Knob
- Switch for Test ON/OFF
- Tamper Proof Calibration
- Compact and Simple to Operate

APPLICATION

- To Measure Quality of Toroidal Cores of material like CRGO.
- Useful for Toroidal Core, Dimmer & CT Manufacturers & Users.
- Useful for Research & Educational Institutes in Electrical & Metallurgical Department.

INTRODUCTION

Veer make CT Core Tester VCCT is portable & easy to use Instrument. It is very useful to measure Voltage & Current of Electrical Steel like Toroidal Cores of different grade and size. VCCT is designed to test a lamination stack Toroidal Core. A Quality is judged by comparing the value of voltage applied & consumption of current.

THEORY OF OPERATION

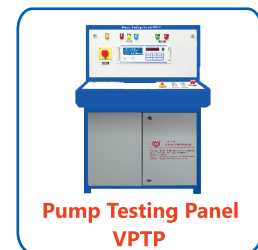
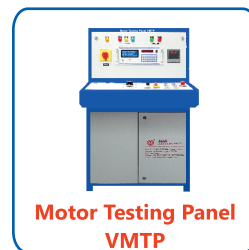
There are two windings primary and secondary, which have same number of turns. After calculating core area of Toroidal Core we can test it using this Instrument by applying respected test voltage as required for different Induction. We are measuring Current of Primary winding & Voltage from secondary winding to find Losses of Toroidal Core. By Current Consumption of core we can approve or reject the core very easy way as per specific criteria.

SPECIFICATIONS

Input Voltage	AC 230V \pm 10% @ 50 Hz or AC 110V \pm 10% @ 60 Hz (on request)
Output Voltage	30V , 60V , 200V
Accuracy	2% on FSD
Tripping Current Range	10Amp
Power Consumption	Less than 500 VA approx. (For 5 kV Model)
Size of Instrument (W x D x H)	405mm X 315mm X 250mm approx. (30V, 10A)
Weight of Instrument	18 Kg approx (For 5 kV Model)*
Warranty	1 Year against manufacturing defects & Extended optional. No warranty for accessories.

- NOTE:- 1. Above all Specifications are subject to change without prior notice, So please confirm at the time of placing Order.
 2. *Size and Weight may be change without prior notice for continuous development.
 3. These images are only for reference. They may be differ in actual Product.

FEW OTHER PRODUCTS AT A GLANCE



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