MADE IN INDIA

LET'S SAVE ENERGY

VEER ELECTRONICS

Manufacturer & Exporter of Testing & Measuring Instruments

Testing Probe
(Optional)

3kV/ 5kV Model

up to 100kV Model

Applications

Transformer Manufacturer

Motor & Pumps Manufacturer

Control Panel

Cables & Switchgear

HIGH VOLTAGE TESTER VHT

(For AC High Voltage Withstand Test, IS 2071, IEC 60060 Compliance)

KEY FEATURES

- kV Meter for High Voltage Indication
- mA Meter for Leakage Current Indication
- Timer to Set Testing Time
- Variable Test Voltage Setting Knob
- Over Current Protection
- Selection Switch for Leakage Current
- Automatic Setting of kV (Optional)
- Compact & Simple to Operate
- Switch For Test ON/OFF
- Visual Indication for High Voltage ON
- Zero Start Safety Interlock
- High Glow LED Display
- Fuse Protection
- RS-485 (Modbus) Communication (Optional)

APPLICATION

- Transformer, Motor, Pump, Generator, Cables & Switchgear Manufacturer & Repairers
- Testing of Electronics Component
- Electronics Equipments, Electrical Appliances Manufacturer, Repairers, & Maintenance Workshops.
- Electrical / Electronics Department, Electrical Laboratories etc. of Educational Institutes
- Test & Calibration Labs, Research Institutes And Third Party Inspection Agencies

www.veerelectronics.com

INTRODUCTION

VEER make High Voltage Tester VHT is specially designed to test Dielectric Strength of Device under Test as per applicable standards. High Voltage test is required to determine whether test object has proper insulation or not. High Voltage test is carried out as Routine Test. Each device is subjected to test at high voltage of 1 kV + 2 x (Working Voltage).If Insulation is weak then device will consume more power because of leakage current which causes more heat. Heat will reduce the reliability and overall life of device under test. It is also responsible for high risk of electric shock. So, High voltage test is necessary for all electrical equipments.

THEORY OF OPERATION

High Voltage terminal of HV Tester is connected to the conductive part (Device under Test) and Earth Terminal Should be connected to safety ground (Earth ground). If the insulation between the two adequate, then the application of a large voltage difference between the two conductors separated by the insulator would result in the flow of a very small current. Although this small current is acceptable, no breakdown of either the air insulation or the solid insulation should take place. If device under test draws more than pre set value current then tripping will occur and test will get off. In this way we can find problem in the insulation of device under test.

SPECIFICATIONS

Input Voltage	AC 230V ± 10% @ 50 Hz or AC 110V ± 10% @ 60 Hz (on request)
Output Voltage	3kV / 5kV / 10kV / 15kV /20kV/ 30kV / 50kV / 70kV / 80kV/ 100 kV AC(Other on request)
Accuracy	2% on FSD
Tripping Current Range	25% / 50% / 75% / 100% - Using Selector Switch (Other on Request)
Power Consumption	Less than 500 VA approx. (For 5 kV Model)
Dimensions (L X B X H)	380 x 320 x 220 mm approx. (For 5kV Model)
Weight of Instrument	18 Kg approx (For 5 kV Model)*
Warranty	12 Months for Manufacturing Defects only at Ex Works, No Warranty of any 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

Transformer Turns Ratio Meter VTRM-3D

Transformer Turns Ratio Meter VTRM-3A/3B

Automatic Oil Breakdown Voltage Tester VOT

Digital Oil Breakdown Voltage Tester VOTe

Vacuum Interrupter Tester VIT

Transformer Testing Panel VTTP

3-Phase Power Analyzer VPA-60080

Digital Epstein Tester VET-1608

Digital Iron Loss Tester VDW-2065A

Automatic Transformer Turns Ratio Meter VTRMe

LET'S SAVE ENERGY **VEER ELECTRONICS**

VEER ELECTRONICS PRIVATE LIMITED

Plot No. B-45, GIDC Electronics Estate, Sector-25,
Gandhinagar - 382024, Gujarat, India.

Phone : +91 - 79 - 23 28 92 25 / 29 75 02 41
Mobile : +91 - 99 09 03 66 98 / 98 79 20 80 38
Email : info@veerelectronics.com, sales@veerelectronics.com
Web : www.veerelectronics.com, www.veerpoweranalyzer.com

NSIC CERTIFIED CO. CE D&B

Scan to Reach us

Authorized Dealer / Distributor

MADE IN INDIA

www.veerpoweranalyzer.com

Rev. 05
220718