

Manufacturer & Exporter of Testing & Measuring Instruments



Transformer Testing Panel
VTTP



3-Phase Power Analyzer
VPA



Motor Testing Panel
VMTP



High Voltage Tester
VHT



Oil Breakdown Voltage Tester
VOT



Transformer Turns Ratio Meter
VTRM-3C



Transformer Turns Ratio Meter
VTRM-3D



Turns Ratio Meter Economy
VTRMe



Digital Epstein Tester
VET



Digital Iron Loss Tester
VDW



Core Loss Tester
VCL



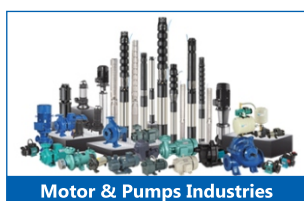
Toroidal Core Tester
VCT/VCL



Vacuum Interrupter Tester
VIT



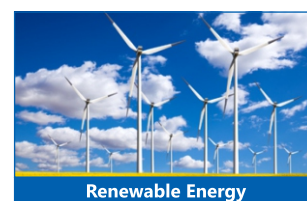
Transformer Industries



Motor & Pumps Industries



Electrical Steel Industries



Renewable Energy



Electrical Industries & Utilities



Test & Calibration Laboratories

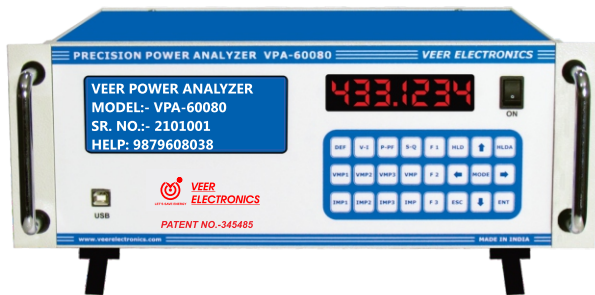


Educational Institutes



Pipeline Coating Contractors

3-Phase Precision Power Analyzer VPA-60080



KEY FEATURES

- Automatic measurement of 3 Phase Transformer Turns Ratio
- Ratio 200 / 2000 (32 Vector Group Selection in VTRM-3C)
- Excitation Current, HV & LV Voltage, Polarity & %Deviation
- USB and RS-232 Interface with Computer

APPLICATIONS

- Distribution / Power & Instrument Transformers Manufacturers & Repairers.
- Electrical Test & Calibration Laboratories, TPI agencies.
- Engineering / Research Institutes for research on Transformer.

KEY FEATURES

- TRMS Voltage 600V / 1200V /1400 Phase, 1050V / 2100V /2400V Line
- TRMS Current 80A / 160A / 300A
- Torque, RPM, %Slip, Eff. Measurement (Motor Version)
- Flow, Pressure, RPM, %Slip, Measurement (Pump Version)
- USB, RS-232 / RS-485 Interface with Computer

APPLICATIONS

- To Perform No Load, Full Load Test of Distribution & other Transformers.
- To Perform No Load, Load, Block Rotor & Eff. Test of Motors & Pumps.
- To Test LED Light, Stabilizer, Fan, Ballast etc. domestic appliances.
- To calibrate Volt, Amp, Watt meter, PF meter, Power source etc.

Transformer Turns Ratio Meter VTRM



VTRM-3A



VTRM-3C

Transformer Turns Ratio Meter VTRM-3D



KEY FEATURES

- Fully automatic measurement of 3 Phase Transformer Turns Ratio
- Ratio 2000 (Up to 4000 Optional)
- Excitation Current, HV & LV Voltage, Polarity & %Deviation
- Jumbo size Display and Keypad
- Easy to carry Bag type enclosure.
- USB and RS-232 Interface with Computer

APPLICATIONS

- Distribution / Power & Instrument Transformers Manufacturers & Repairers
- Electrical Test & Calibration Laboratories, TPI agencies.
- Engineering / Research Institutes for research on Transformer.

KEY FEATURES

- Range: 1-200 (1 Phase Ratio Measurement)
- Hold Switch to Freeze Result
- Reverse Polarity Indication Sign in LCD
- Inbuilt Over Current Protection for Short Winding

APPLICATIONS

- Distribution / Power & Instrument Transformers Manufacturers & Repairers.
- Engineering Colleges to aware Student about Turns Ratio and Measuring Principles
- TPI Agencies for Fault Analysis

Turns Ratio Meter VTRMe



AC High Voltage Tester (HV Tester)-VHT



HV Desktop Model



HV Portable Model



HV Transformer



Testing Probe

KEY FEATURES

- Voltage range from 1KV to 100KV
- KV Meter for High Voltage Indication
- mA Meter along with Selector Switch for Leakage Current
- Timer with Setting up to 999 Sec

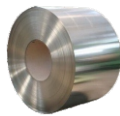
APPLICATIONS

- Transformer, Motor, Pump, Generator Manufacturer & Repairers
- Control Panel, Switch Gears & Other Appliances Manufacturer & Repairers
- Electrical Appliances Manufacturer & Repairers
- Test Lab, Engineering Research Institutes and Government Utilities

Digital Epstein Tester VET-1608A



25 cm Epstein Bridge



Electrical Steel

KEY FEATURES

- Automatic Measurement of Watt/Kg
- Testing from 0.2, 0.23, 0.27, 0.30, 0.35, 0.5mm Thickness
- Testing for 1.0 to 1.8 Tesla Induction
- Accurate Sine wave Generation

APPLICATIONS

- Stampings & Lamination Manufacturers, Traders, Suppliers, Users etc.
- Transformer, Motor, Pump, UPS, Inverter, Choke Manufacturers.
- Educational Institutes for Electrical Laboratories etc.

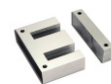
KEY FEATURES

- Stable Source 16V / 32V - 8A / 15A
- Fully Automatic Measurement with B-H Curve
- USB and RS-232 Port with Computer Software
- Accurate sine wave with Negative feedback
- Compliance To IS, IEC, ASTM Standards

APPLICATIONS

- To measure Quality of Electrical steel CRGO, CRNO etc.
- Useful for Transformer, Motor, Generator, Pump Manufacturer.
- Useful for Electrical Steel & Stamping Manufacturer, Supplier & Users.
- Useful for Test & Calibration Lab, Educational Institutes

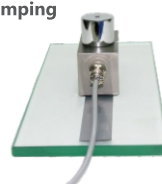
Digital Iron Loss Tester VDW-2065A



Transformer Lamination



Motor Stamping



Toroidal Core Loss Tester VCT / VCL



Testing Platform



KEY FEATURES

- Direct Measurement of Core Loss (Watt/Kg) at Various Flux Density
- Measurement of Magnetizing Force (At/cm) at Various Flux Density
- Hold facility to freeze all measurement
- Inbuilt Data storage facility with computer software
- Compliance to ASTM A927 Standard

APPLICATIONS

- To measure Quality of Toroidal cores of different materials.
- To Test Toroidal Core of CRGO, NANO Crystalline & Amorphous Material.
- Useful for Toroidal core, Dimmer & CT Manufacturers & Users.
- Useful for Research Lab & Educational Institutes.

KEY FEATURES

- Direct Measurement of Core Loss (Watt/Kg) at Various Flux Density
- Measurement of Magnetizing Force (At/cm) at Various Flux Density
- Inbuilt Data storage facility with computer software
- Hold facility to freeze all measurement

APPLICATIONS

- To measure Quality of whole stamping stack of different materials.
- Useful for Motor, Pump, Alternator, Generator Manufacturers and Repairers
- Useful for Research Lab & Educational Institutes

Core Loss Tester VCL

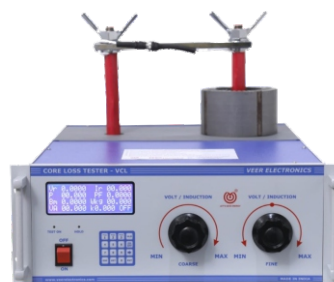


Table Top Model



Portable Model

Automatic Oil Breakdown Voltage Tester VOT



KEY FEATURES

- Voltage Range : 60KV/ 80KV/ 100KV
- User mode and Standard Mode selection (Fully Automatic)
- Mains Supply Earthing Monitoring.
- Programmable Stirrer time and Intermediate Wait Time.
- Compliance to IS 6792 and IEC 60156
- Bright 20 x 4 LCD Display with day light visibility
- Integrated Thermal Printer & Non-contact Magnetic bead stirrer

APPLICATIONS

- For determining the dielectric strength of high voltage insulating oils used in transformers, switchgear and other electrical apparatus

Transformer Testing Panel



Transformer Testing Panel
(OC, SC, DVDF & HV Test)



DVDF Set



HV Transformer



Dimmer

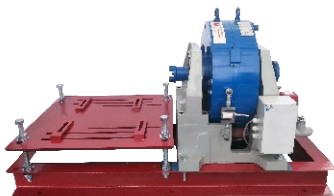
KEY FEATURES

- Capable to Test up to 3MVA (Other Ranges are available on request)
- Useful for No Load Test (OC), Load Test (SC), DVDF, HV Test of Transformer
- Mains indication by R,Y,B indication Lamp & Meter
- Motorized Control of Output Power
- Test mode Selector switch for easy operation
- Over current relay protection for HV & DVDF Test
- Over Current protection for all Meters & Instrument
- Emergency Stop Switch to avoid serious accident
- Compliance to IS:2026 & Other Standards
- Approved by Electricity Board

Motor Testing Panel



Motor Testing Panel



Dynamometer with Test Bed
For Full Load Test & Efficiency

KEY FEATURES

- For No Load, Full Load, Block Rotor, Temperature Rise Test for Induction Motor
- Voltage, Current, Power, PF, Apparent Power, Reactive Power, Frequency etc
- Torque in Kg-m, RPM, Corrected RPM, %Slip, Direct Efficiency of Motor
- Torque Correction as per IS:12615
- Change Over switches and Push buttons for easy operations
- USB, RS-232 / RS-485 interface & Free Software & 500 Test Data Storage Inbuilt (1000 Optional)
- Test Change Over Switch for 1-Phase, DOL, Star-Delta Operation

Pump Testing Panel



Pump Testing Panel



Electromagnetic
Flow Meter



Pressure
Transducer

KEY FEATURES

- For No Load, Block Rotor, Pump performance Test
- Voltage, Current, Power, PF, Apparent Power, Frequency etc.
- Head, Suction, Discharge, RPM, Corrected RPM, %Slip
- Compliance to BIS & BEE Standard
- Change over switches and Push buttons for easy operations
- USB, RS-232 / RS-485 interface & Free Software
- Test Change Over Switch for 1-Phase, DOL, Star-Delta Operation

Vacuum Interrupter Tester VIT



- User Defined Voltage Selection up to 30KV with 0.2KV Resolution
- Audio & Visual Indication for Fault
- 3 Digit LCD Display

Digital Oil BDV Tester VOT



- Voltage Range: 60kV / 80kV / 100kV
- >10mA Testing Transformer Capacity
- Digital Meter with 7 Segment LED Display

Power Analyzer VPAe



- Measurement of Volt, Current, Power & Power Factor
- Volt 300V, Current 10A (20A Optional)
- Accuracy : $\pm 0.2\%$

Slip Speed Meter VSS



- RPM, CRPM, Measurement of Pump
- %Slip, Frequency Measurement
- Suitable for 2 / 4 / 6 / 8 Pole Motors



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