



## TRANSFORMER TESTING PANEL (Compliance To IS:2026, IEC 60076 & Other Standards)

### KEY FEATURES

- Capable to Test Up to 10 MVA (Other Ranges are Available On Request)
- Useful for No Load Test (O.C.), Load Test (S.C.), DVDF Test, HV Test MB & VG (Optional) Test of Transformer
- Mains indication by R, Y, B indication Lamp
- Over voltage, over current protection
- Motorized Control of Output Power
- Test mode Selector switch for easy operation
- Hold feature to freeze all measurement of Power Analyzer
- Computer Interfacing Software for Power Analyzer
- Zero start interlock facility
- Inbuilt Computer Monitor (Optional)
- Emergency Stop Switch & indication to avoid serious accident
- Approved by Electricity Board
- Capacitor Bank for Power Factor Improvement & Energy Saving (as required)
- Temperature Scanner for Temperature Rise Test (Heat Run) (Optional)

## TRANSFORMER TESTING PANEL



**Power Transformer Test Panel**



**MB-VG Test Panel**



**Pre-Core Loss Test Panel**



**OC,SC,HV & DVDF Test Panel**

### TEST PERFORMS

- Open Circuit (No Load) Test
- Short Circuit (Load Loss) Test
- Pre-core Loss Test
- Temperature Rise Test
- Induced Over Voltage (DVDF) Test
- High Voltage Withstand Test
- Magnetic Balance Test
- Vector Group Verification Test
- Oil Breakdown Voltage Test (Using Separate Instrument)
- Turns Ratio Test (Using Separate Instrument)

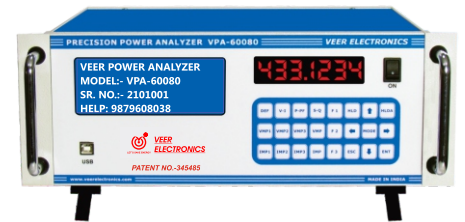
### APPLICATIONS

- Distribution / Power Transformer
- Control Transformer
- Isolation Transformer
- Solar Transformer
- Wind Transformer
- Locomotive Transformer
- Furnace Transformer
- Special Transformer
- Auto Transformer

## 3-PHASE PRECISION POWER ANALYZER

### FEATURES

- Voltage Range: 150V/300V/600V/1200V/1400V (Ph-N)
- TRMS Current: 1A/8A/20A/40A/80A/160A/300A
- High Speed Measurement upto 0.25 Sec
- TRMS, Mean, Peak, and Rectified of Voltage and Current.
- Active Power(P), Apparent Power(S), Reactive Power(Q) Measurement
- $\pm 0.1$  %Basic Accuracy



## 3-PHASE OIL / AIR COOLED MOTORIZED DIMMER (VARIAC)



### FEATURES

- Voltage Capacity : 0 - 415 Line Voltage
- Current Capacity : upto 500 Amp (Other on request)
- Motorized variable output
- Silver plated commutator
- Highly Durable
- Long lasting service

## INDUCED OVER VOLTAGE (DVDF TEST) MG SET

### FEATURES

- Capacity : 5 to 200 KVA (Other on request)
- Output Voltage : upto 900 Volts (Other on request)
- Output Frequency : 100 Hz (Input X 2)
- Motor Input : 3-Ph 415 Volts, 50 Hz



## INTERMEDIATE TRANSFORMER



### FEATURES

- Suitable For OC / SC Test and DVDF Test
- To Test Distribution Transformer 11-22-33kV / 433V
- To Test Power Transformer 66-33kV / 11kV
- Oil Cooled/Air Cooled
- Double Insulation Class Suitable for DVDF Test
- Multi Tap Selection Switch (on request)

## HIGH VOLTAGE TRANSFORMER

### FEATURES

- Output Voltage : 3kV to 100kV (other range on request)
- Current : 10mA to 1000mA
- Accuracy :  $\pm 2$  % on FSD
- Type: Oil Cooled
- EPOXY glass Insulation
- Selectable Tripping Range
- Input & Output Tripping Protection
- High Voltage Bushing (as required)



## TRANSFORMER TURNS RATIO METER



VTRM-3D

### KEY FEATURES

- Fully automatic measurement
- Ratio Up to 2000 (4000 Optional)
- Useful for 32 Vector Groups
- Excitation Current, HV & LV Voltage, Polarity & %Deviation
- USB / RS-232 Interface with Computer
- Jumbo Size Display And Keypad
- Easy to carry Bag type enclosure.



VTRM-3A / 3B



VTRM-3C

### KEY FEATURES

- Automatic measurement
- Ratio upto 200 (VTRM-3A), 2000(VTRM-3C)
- Table Top / Panel Mount Model
- Useful for 32 Vector Groups
- Excitation Current, HV & LV Voltage, Polarity & %Deviation
- USB and RS-232 Interface with Computer

## AUTOMATIC OIL BREAK DOWN VOLTAGE TESTER



### KEY FEATURES

- Voltage Range: 60kV/ 80kV/ 100kV
- Automatic Testing Facility
- Accuracy  $\pm 1kV$
- HV Chamber Interlock Facility
- Bright 20x4 LCD display with day visibility
- 10mA Testing Transformer Capacity
- <4mA Trip Current
- Easy Carrying Transit Case

## DIGITAL OIL BREAK DOWN VOLTAGE TESTER



### KEY FEATURES

- Voltage Range: 60kV/ 80kV/ 100kV
- Semi automatic Testing Facility
- Accuracy  $\pm 2kV$
- Safety Door Interlock for HV Chamber
- Digital Meter with 7 Segment LED Display
- 10mA Testing Transformer Capacity
- <4mA Trip Current
- Flight Case Design with Wheels

## OUR OTHER PRODUCTS AT A GLANCE



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