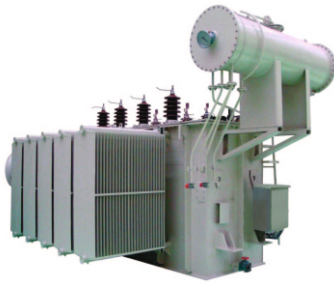


**VTRM - 3A / 3B****VTRM - 3C**

Applications

**Transformer****CT****PT**

3-PHASE AUTOMATIC TRANSFORMER TURNS RATIO METER VTRM - 3A / 3B / 3C (ANSI / IEEE C57.12.90 Compliance)

KEY FEATURES

- Automatic Measurement of Transformer Turns Ratio
- Shows Excitation Current, HV LV Voltage, Polarity & %Deviation
- Vector Group selection facility (VTRM-3C Model)
- Basic Accuracy $\pm 0.1\%$
- Turns Ratio 1-200 / 1-2000
- 20 x 4 LCD to Display all Parameters in Single Screen
- 3-Phase Connections enables simple and fast testing
- Coil Turns Measurement
- Hook Up Error Indication for Wrong HV LV Connection (YY)
- Hold Facility To Freeze Result with LED indication
- Test Voltage Applied Through ON/OFF Switch
- Reverse Polarity Indication
- Over Current Protection for shorten Winding
- Inbuilt 200 Test Data Storage
- RS-232 & USB Interface with Software
- Portable in Size (Table Top & Panel Mount)
- Dual Test Voltage (Optional in VTRM-3C)
- Coil to Coil Turns Ratio

APPLICATIONS

- Distribution Transformers, Power Transformers, CT PT & Other Transformer manufacturers & Repairers etc.
- Electricity Distribution & Transmission Companies to enhance their in house testing at micro Level.
- Electrical Test & Calibration Laboratories & Third Party Inspection Agencies.
- Engineering Colleges to aware students about Turns Ratio & it's measuring principles.
- Research Institutes for research work on Transformer Fundamentals.

INTRODUCTION

VEER make Automatic Transformer Turns Ratio Meter - VTRM measures no-load Turns Ratio of Transformer. It means Ratio of High Voltage Winding to Low Voltage Winding of Transformer. It is capable to test Y-y, D-y, D-d & Y-d configuration. Turns Ratio can be read directly from front LCD display. It also measures and display % Deviation & Excitation Current. VTRM has inbuilt Data Storage Memory up to 200 Test Results. It can transfer all test results to Computer using dedicated Software & computer interface.

SPECIFICATIONS

Model	VTRM-3A	VTRM-3B	VTRM-3C (Vector Group)
Phase	3	3	3
Connection Type	Y-y D-y	Y-y D-y	Y-y D-y D-d Y-d
Ratio Range	1.0 - 200.0	1.0 - 2000.0	1.0 - 2000.0
Operating Temperature	5°C To 50°C		
Operating Humidity	20% to 80% RH (no condensation)		
Storage Temperature	0°C To 55°C		
Power Consumption	30 VA max		
Resolution	5 Digits		
Parameters	Turns Ratio, Excitation current, HV & LV Voltages, % Deviation & Reverse Polarity		
Test Voltage	55 Volt @50 Hz (Depends on Auxiliary Supply) (Other Range Available on Request)		
Excitation Current Range	200 mA, Resolution 0.1 mA (Other Range Available on Request)		
Power Supply	AC 230V ± 10% @ 50 Hz Or AC 110V ± 10% @ 60 Hz (On Request)		
Accuracy	± 0.1% rdg ± 0.1% rng (For Voltage & Ratio)		
Size of Instrument (WxDxH) in mm	376mm x 320mm x 145mm(Over all)		
Weight of Instrument	8.00 kg Approx.		
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 Please confirm at the time of placing an order.

2. Size and weight may be change without prior notice, For more details please contact Us..

ACCESSORIES



HV & LV Cable



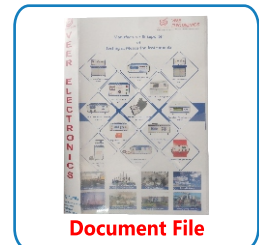
Power Cable
RS-232 & USB Cable



Accessories Bag



Software CD



Document File

FEW OTHER PRODUCTS AT A GLANCE



Transformer Turns
Ratio Meter VTRM-3D



3-Phase Power Analyzer
VPA-60080



Automatic Digital Iron
Loss Tester VDW-2065A



Automatic Digital Epstein
Tester VET-1608A



Transformer Testing
Panel



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