



## Applications



## Transformer

# 1-PHASE AUTOMATIC TRANSFORMER TURNS RATIO METER - VTRMe (ANSI / IEEE C57.12.90, IS 2026, IEC 60076 Compliance)

## KEY FEATURES

- Automatic measurement of Transformer Turns Ratio
- $\pm 0.2\%$  Accurate measurement
- Single Phase Connections enables Simpler And Faster Testing
- 16 x 1 LCD to see Measured Parameter
- Switch for test ON & OFF
- Hold Switch to Freeze Result
- Reverse Polarity Indication Sign in LCD
- Inbuilt Over Current Protection for Short Winding
- Portable in Size
- Coil to Coil Turns Ratio Facility
- Turns Count/Measurement Facility

## APPLICATION

- Distribution / Power Transformers & other Transformer Manufacturers & Repairers for their Production Stage.
- Electricity Distribution & Transmission Companies for Repairing, Workshop for Fault Finding.
- 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 - VTRMe measures no-load Turns Ratio of Transformer. It means Ratio of High Voltage winding to Low Voltage winding of Transformer. You can read Turns Ratio directly from front LCD Display.

## SPECIFICATIONS

Parameters	Turns Ratio & Reverse Polarity
Ratio Range & Resolution	1-200 , Resolution - 4 Digits
Excitation Voltage	55 Volt @50 Hz ( Depends on Auxiliary Supply )
Excitation Current Capability	200 mA
Power Supply	AC 230V $\pm$ 10% @ 50 Hz Or AC 110V $\pm$ 10% @ 60 Hz (On Request)
Accuracy	$\pm$ 0.2% Reading $\pm$ 0.1% Range
Size of Instrument ( WxDxH) in mm	158 mm x 198 mm x 72 mm (Over all)
Weight of Instrument	2.00 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. 2. For more details, contact us.

## ACCESSORIES



**HV & LV Cable 5M**



**Power Cable & Fuse**



**Carrying Bag**



**Calibration Report**



**Document File**

## FEW OTHER PRODUCTS AT A GLANCE



**3-Phase Power Analyzer  
VPA-60080**



**Transformer Turns Ratio  
Meter VTRM-3A/3B**



**Transformer Turn Ratio  
Meter VTRM-3C**



**Transformer Turn Ratio  
Meter VTRM-3D**



**Transformer Testing  
Panel VTTP**



**Automatic Oil Breakdown  
Voltage Tester VOT**



**High Voltage Tester  
VHT**



**Toroidal Core Tester  
VCL**



**Automatic Digital Iron  
Loss Tester VDW-2065A**



**Automatic Digital Epstein  
Tester VET-1608A**



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