



EMBUILT  
TECHNOLOGIES

# VTRI-2000

## Transformer Turns Ratio Instrument



### FEATURES

- 3- $\phi$  Fully Automated Measurement
- Ideal For Transformer Testing up to 10MVA
- Transformer Vector Group Testing for Y-y, Y-d, D-y and D-d Combination
- Measure : Vector Group, Turns Ratio, HT-LT Volt, Amp, Polarity, Deviation & Phase Angle
- Fast & Stable Result With Clear View
- Large TFT Display With Touch Screen
- HT Excitation: 10V/40V/100V AC
- On-Board Memory to Store Data up to 2000 Tests
- Any Test Data Viewable on Device & Transferable to PC
- PC Connectivity via RS-232 and USB Port
- Dedicated Start / Stop Buttons
- Fast, Stable & Accurate Results



### COMPREHENSIVE TESTING OF ELECTRICAL MACHINES & WINDINGS



LCD Display to View Parameters

Hold Display Indication

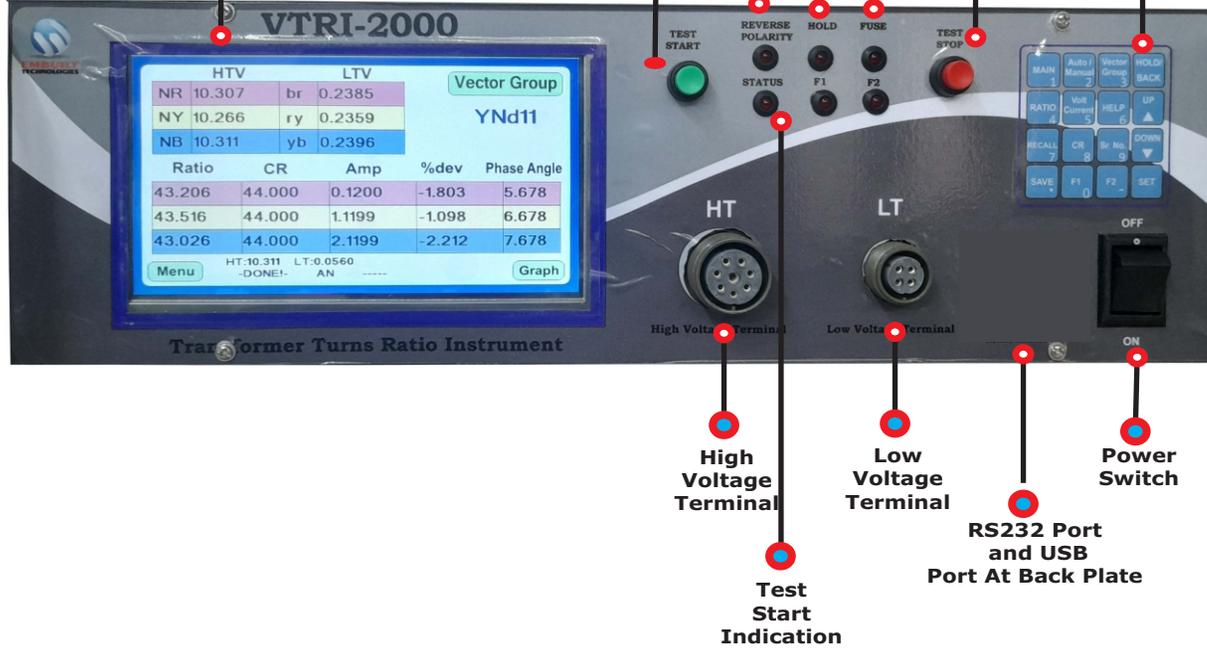
Reverse Polarity Indication

Fuse Blown Indication

Setting Menu and View pages

Test Start

Test Stop



High Voltage Terminal

Low Voltage Terminal

RS232 Port and USB Port At Back Plate

Power Switch

Test Start Indication

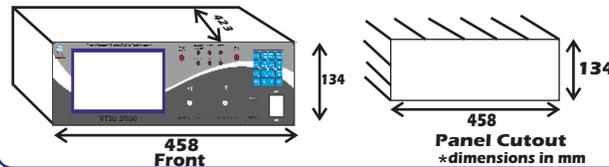
## TECHNICAL SPECIFICATION

Auxiliary Power	220 - 240V AC, 50 Hz
Excitation Type	HT Excitation
HT Excitation Voltage	10V/40V/100V AC
HT Excitation Amps.	200mA max
Ratio Measurement	1 - 2000
Fuse Indication	LED ON for Fuse Blown
Vector Group Test	Combinations Y-y, Y-d, D-y & D-d. <b>Total 18 Vector groups</b>
Accuracy	Class 0.1
Stabilization Time	5 to 8sec. for 10MVA Transformer
Resolution	Floating Decimal Point
Polarity Indication	LED ON for -ve Polarity
Measurements	Ratio, HT Volt, LT Volt, Amps, Deviation, Polarity, Vector Group, Phase Angle With Graph.

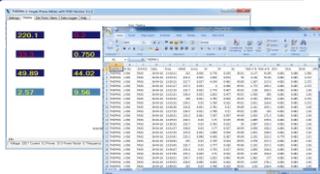
## VECTOR GROUP

YNyn0, Dd0, YNd1, Dyn1, Dd2, Dd4, YNd5, Dyn5, YNyn6, Dd6, YNd7, Dyn7, Dd8, Dd10, YNd11, Dyn11.  
Single Phase: PH0, PH6

## DIMENSION



## SOFTWARE



## ACCESSORIES



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