



**EMBUILT
TECHNOLOGIES**

TRI-1

SINGLE PHASE TURNS RATIO INSTRUMENT



Cable set of 5 Meter For LT & HT Use

Features

- **Multi Parameter Testing**
 - Turns Ratio (from 1 to 200)
 - HT & LT Voltages
 - Polarity
- **4 - Wire Connection Method** - used for accurate and reliable measurement
- **LV - Side Excitation** for maximum operator and instrument safety
- **Stable Internal Reference Voltage** - immune to power line fluctuations
- **Industrial-Grade Terminals** with standard load-cell connectors on both **HT & LT** sides

Application



Smart Solution Makes You **SMARTER**

Technical Specifications

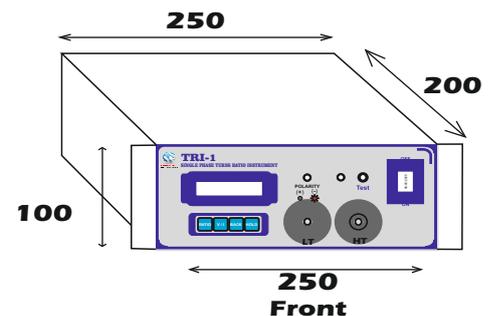
Turns-Ratio Range	1.000 to 200.0
Accuracy Class	Class 0.2
Excitation Voltage	2.2V AC @ 100Hz
Max. Excitation Current	500mA
Auxiliary Supply	230V AC \pm 20%
Phase Testing	Single - phase
Transformer Capacity	Up to ~1 MVA
Safety Features	LV - side excitation, fuse protection
Terminals	Industrial standard load-cell connectors (HT & LT)
Display Type	16 x 2 LCD display
Weight	Approx 3.5 Kg.

Button Specification

	Show Ratio Page
	Show LT & HT Voltage
	Press Back to show main page
	Press HOLD to hold Value
	Press for ON / OFF Test

Dimension

* All dimensions in mm



Other Related Product

- 1- Automatic Turns Ratio Meter (ATRI-3)
- 2- Automatic Turns Ratio Meter (ATRI-201)
- 3- Double Voltage Double Frequency (DVDF-1)
- 4- Instrument Transformer Turns Calculator (ITTC-1)

Principle of Operation

TRI-1 applies a 2.2V AC test signal (which is internally generated, independent of external power fluctuations) to the Low - Voltage (LV) winding of the transformer. It then precisely measures the resulting voltage on the High-Voltage (HV) winding.

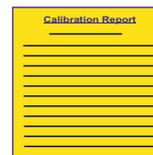
Accessories



Power cable



Manual



Calibration Report



Cable set of 5 Meter for LT & HT use

Developed & Manufactured By :



EMBUILT TECHNOLOGIES

EMBUILT TECHNOLOGIES

H-54, Bindayaka, RIICO Industrial Area,

Jaipur-302012, Rajasthan, INDIA

Mob. : +91-7524853539

E-mail : info@embuilt.com

Website : <http://www.embuilt.com>