

Compact-3

Portable Battery Operated 3-P Transformer Turns Ratio Instrument

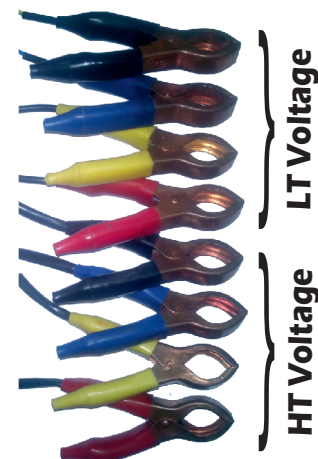


Vector Group Supported

Dd0	Dd2	Dd4
Dd6	Dd8	Dd10
Dyn1	Dyn5	Dyn7
Dyn11	YN yn0	YN yn6
YN d1	YN d5	YN d7
YN d11	PH 0	PH 6

Page 2					
123456					
a 44.00					
rmer type Dd0					
Ph1	+44.86	-0.318%	100.0	2.3	525
Ph2	+44.87	-0.319%	100.0	2.3	525
Ph3	+44.86	-0.318%	100.0	2.3	525
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Transformer type Dd0					
Ph1	+44.86	-0.318%	100.0	2.3	525
Ph2	+44.87	-0.319%	100.0	2.3	525
Ph3	+44.86	-0.318%	100.0	2.3	525
Press next for next page					
Press Main for home page					



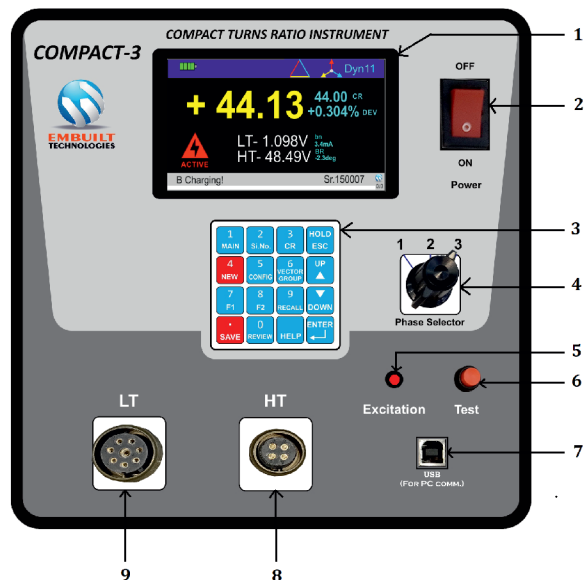
Features

- **Measures Multiple Parameters**
Turns Ratio (1 - 200)
Excitation Current
HT & LT Voltages
Polarity
Percentage Deviation
Phase Displacement
- **Supports Transformer All Vector Group Testing** for Y-y, Y-d, D-y, D-d combinations
- **TFT Color Display** (Size : 4.3" diagonal & 480 x 270 Pixels) for easy operation
- **LT side Excitation** for maximum operator and instrument safety
- **Ideal for Transformer Testing up to 30MVA**
- **3-P Testing** one time connection for complete testing , no re-connection required
- **Standard - Grade Terminals** with MIL-standard load-cell connectors on both HT & LT sides
- **PC Connectivity** through USB Port
- **Internal On-board Memory** to store up to 50 test results, viewable on device

Application



Front Panel Description



- 1 4.3" TFT Display – Displays measurement parameters and instrument status.
- 2 Power Switch – Turns the instrument ON/OFF.
- 3 4×4 Keypad – Menu navigation and instrument configuration.
- 4 Phase Selector – Selects R/Y/B (1/2/3) measurement phase.
- 5 Excitation LED – Indicates excitation output status.
- 6 Test Button – Starts/Stops transformer excitation and measurement.
- 7 USB Port – PC communication and data transfer.
- 8 HT Terminal – High Voltage transformer sensing input.
- 9 LT Terminal – Low Voltage sensing and excitation connection.

Dual Power Option

LITHIUM ION RECHARGEABLE BATTERY

- Lithium Ion Rechargeable Cell **2600mAh** Capacity
- Upto **4 Hours** Backup
- For portable & field operation where AC mains is not available



230V AC ± 10% MAINS POWER

- Continuous operation on **230V AC ± 10%**
- Ideal for factory & laboratory use



Technical Specifications

Turns-Ratio Range	1.000 to 200.0 (Up to 2000 Also Available)
Accuracy Class	Class 0.1
LT Excitation Voltage	1 V AC @ 230V Auxiliary Supply
Max. Excitation Current	200mA
Auxiliary Supply	230V AC ± 20% , 50 Hz
Vector Group Supported	Y-y, Y-d, D-y, D-d combinations Total 18 Vector groups
Transformer Capacity	Up to 30MVA
Phase Testing	3-phase, no clip changes
Terminals	Standard load-cell connectors (HT & LT)
Comm. Interface	USB Port
Data Saving	Store up to 50 Test data in Internal Memory
Dimension (mm)	Front - 260(W) 180(H)280(D)

Other Related Products

- 1- Compact-1 (Portable Single Phase Transformer Turns Ratio Instrument)
- 2- Transformer Winding Resistance Meter (TRM-1A / 10A)

Accessories



Power Cable



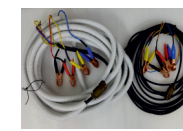
USB Cable



Software CD



User Manual



Set of 10 m Long
3 - Phase Cable
For HT & LT Use



Calibration Report

Developed & Manufactured By :



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TECHNOLOGIES

EMBUILT TECHNOLOGIES

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