

Transformer Turns Ratio Tester Verification Calibrator **TRTC**

- TRT series accuracy verification
- TRT instruments troubleshooting
- Measuring ratio ranges 1 – 4800
- The best accuracy 0.2%
- Test voltages 1 V – 250 V AC



Description

The TRTC Verification Calibrator has been designed for use as a reference transformer for the verification of the accuracy of the Three-phase Transformer Turns Ratio Tester TRT.

The TRTC Verification Calibrator is available for both sequential three-phase and simultaneous three-phase test. It is also useful for troubleshooting of the TRT instrument connected.

Connecting TRTC to TRT

TRTs with 4 connectors for H cables and 4 connectors for X cables



Connecting TRT with 4 connectors for H cables and 4 connectors for X cables

TRTs with 1 connector for H cables and 1 connector for X cables



Connecting TRT with 1 connector for H cables and 1 connector for X cable

Technical Data

Measurement

- Turns ratio measuring ranges:
1, 10, 20, 50, 200, 800, 2400, 4800
- Typical turns ratio accuracy:
±0.2% for test voltages ≥8 V AC
±0.5% for test voltages <8 V AC

Dimensions and Weight

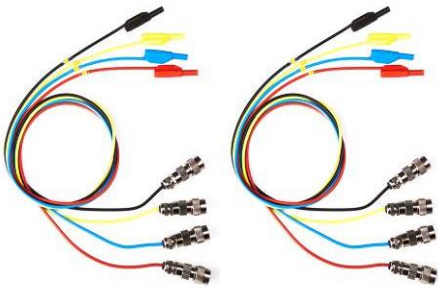
- Dimensions (W x H x D):
255 x 250 x 121 mm / 10.04 x 9.84 x 4.76 in

- Weight: 4 kg / 8.8 lbs

Environmental Conditions

- Operating temperature:
-20 °C – +55 °C / 14 °F – +131 °F
- Storage & transportation:
-40 °C – +70°C / -40 °F – +158 °F
- Humidity: 0% – 95% relative humidity, non-condensing

All specifications herein are valid at ambient temperature of +25 °C and recommended accessories. Specifications are subject to change without notice.



H & X winding test lead set, 4 x 1 m with banana plugs
(used with TRTs that have 4 connectors for H cables and 4 connectors for X cables)

H & X winding test lead set, 1 m, 3~ connection with banana plugs
(used with TRTs that have 1 connector for H cables and 1 connector for X cables)

Cable bag

Order Info

Instrument	Article No
Transformer Turns Ratio Tester Verification Calibrator TRTC	TRTC-05-4800

Accessories	Article No
H winding test lead set, 4 x 1 m (3.28 ft) with banana plugs	HC-01-4LMCBP
X winding test lead set, 4 x 1 m (3.28 ft) with banana plugs	XC-01-4LFCBP
H winding test lead, 1 m (3.28 ft), 3~ connection with banana plugs	HC-01-03MCBP
X winding test lead, 1 m (3.28 ft), 3~ connection with banana plugs	XC-01-03FCBP
H winding current and sense cables 1 m (3.28 ft) 2.5 mm ² (14 AWG) with banana plugs	HCS-01-2NCBP
X winding current and sense cables 1 m (3.28 ft) 2.5 mm ² (14 AWG) with banana plugs	XCS-01-2NCBP
Cable bag	CABLE-BAG-00

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