

# 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 – 430 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

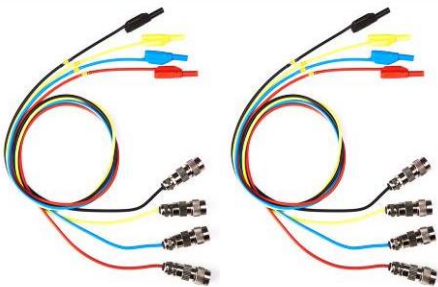
### Dimensions and Weight

- 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:  
-10 °C – +55 °C / 14 °F – +131 °F
- Storage & transportation:  
-40 °C – +70°C / -40 °F – +158 °F
- Humidity: 5% – 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
Cable bag	CABLE-BAG-00