



CT-T1

For knee point
detection

The CT-T1 is a microprocessor-based Current Transformer Tester that measures CT excitation current, turns ratio, and winding polarity tests, all without having to switch the leads during testing.

This CT Tester is precision-made, just like all of the Raytech products. Built to stand up to the harsh environments of field testing, the CT-T1 comes with a 2 year warranty to guarantee years of accurate and reliable usage.

Voltage range	0 ... 2000 V
Current range	0 ... 10 A
Ratio range	0.1 ... 15000
Operating range	-10°C to 60°C
Storage range	-20°C to 70°C
Weight	20 kg (44 lbs)
Input power	115 / 230 V AC 50/60 Hz auto ranging



Measurement Parameters

Ratio Range	Accuracy	Resolution
0.1 ... 5000	± 0.05%	5 Digits
5001 ... 10 000	± 0.5%	5 Digits
10 001 ... 15 000	± 1%	5 Digits
Voltage Range	Accuracy	Resolution
0 ... 2000 V	1% Rdg ± 0.1 V	0.01 V
Current	Accuracy	Resolution
0 ... 10 A	1% Rdg ± 0.001 A	0.01 mA

Features

- Fully automatic knee point detection (ASA 10/50, IEEE 30°, IEEE 45°)
- Ratio range of 0.1 to 15 000
- 5 low side taps, 1 high side tap
- Performs CT excitation, turns ratio, and polarity tests on current transformers
- Manual or automatic degauss and measurements
- Easy, one-time hook up for up to 5 CT taps
- Automatic test voltage range with changeable limits
- Easy to use tap selector interface
- Data storage of more than 10 000 measurements
- 3" graphic-capable printer
- Two USB interfaces and one RS-232 serial port

Specifications

Model

CT-T1
Current Transformer Tester

Size (field case)

L: 521 mm (20.5")
W: 432 mm (17")
H: 216 mm (8.5")

Weight

20 kg (44 lbs.)

Interfaces

2 USB interfaces (host and device) and one RS-232

Memory Storage

More than 10 000 measurements

Panel Display

Color 5.7" LCD with back light and touch screen display for easy operation, additional digipot

Front Panel

Sealed, Anodized

Options

Annual Warranty Extension



Raytech GmbH

Oberebenstrasse 11

CH-5620 Bremgarten

www.raytech.ch

Phone +41 56 648 60 10

Fax +41 56 648 60 11

welcome@raytech.ch

Specifications subject to improvement at any time.



90216.FL.1709.mcu