

### **Short Overview**

Fully automatic 3 phase measurements. Automatic Vector Group Detection. Rugged and Reliable. A color LCD with back lighting and touch screen increases user comfort. USB interfaces make it easy to store measurements on external storage devices and transfer easily to a personal computer.

Turns Ratio range 0.8...40 000

Accuracy ± 0.06% Rdg

Resolution 5 Digits

Current range 0...1A

Test voltage 1/10/40/100/250V

Phase angle ± 90 Degree
Operating range -10°C to 60°C
Input power 100 to 250 VAC



Measurement Parameters	Ratio*	Phase*	
Accuracy at 250 V Accuracy at 100 V Accuracy at 40 V Accuracy at 10 V Accuracy at 1 V	0.06% Rdg ±1LSD 0.06% Rdg ±1LSD 0.06% Rdg ±1LSD 0.1% Rdg ±1LSD 0.1% Rdg ±1LSD	0.05° 0.05° 0.1° 0.15°	000
	* more details you will find in the instru	• Storage temperature -20°C to 70°C	

## Features Accessories

- Automatic measurements of Voltage, Turns Ratio, Current and Phase displacement
- Easy one time hook up to the transformer
- Automatic test voltage range
- Displays deviation from a nominal ratio
- Graphical tap changer display

- Tap changer interface (Input and Output)
- Load on test object < 0.05 VA</li>
- Measures Power transformers PT's and CT's
- Displays % error vs. name plate
- Enhanced heavy-duty protection circuitry
- Internal Printer

- Complete cable sets (H and X lead cable 2 x 5m, extension cables 2 x 10m and
- power cord)Cable carrying bag
- Instruction manual
- Software for data download

# **Specifications**

### Model

TR-MARK III 250V

TR-MARK III R 250V (19" Rackmount

version)

#### Size

L: 470 mm (18.5") W: 371 mm (14.6") H: 190 mm (7.5")

Weight

8.4 kg (18.5 lbs.)

**Input Power** 

100...250 VAC, 50/60 Hz

### Interface

USB 2.0 full speed (1 host/1 device) and 9 Pin RS232 serial

#### **Memory Storage**

Internally stores more than 10 000 test results

### **Panel Display**

5.7" Color LCD with back lighting and touch screen

#### Front Panel

Sealed, Anodized

# **Options**

- T-REX: 3-phase supply to energize all 3 phases at once
- TRO-203: External test switch for tap changer testing



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Specifications are subject to change without notice.

