

UDEY[®]

TRANSFORMER TURNS RATIO TESTER

(Fully automatic TRM-11)



UDEYRAJ ELECTRICALS PRIVATE LIMITED

TRANSFORMER TURNS RATIO TESTER (Fully automatic)

Introduction: Ratio testers using manual 'current measuring bridge' circuits are now out dated. 'UDEY' model TRM-11 is a new, fully automatic tester that measures transformation ratio of single phase and three phase transformers using modern electronic techniques. TRM-11 is micro controller operated user friendly, accurate, reliable, small, light weight and reliable tester. TRM-11 incorporates a large LCD screen for display of menu and results. The results can be stored & printed on built-in printer after the test is over. TRM-11 incorporates breakthrough technology and design that gives accurate and reliable results, again and again.

Description: UDEY TRM-11 is a new generation, fully automatic, transformer turns ratio tester designed for measuring ratio, ratio error of single and three phase transformers. The entire test is done automatically and quickly. Operator enters the test parameters and TRM-11 takes over; powers up the voltage, balances the bridge, takes the readings, and displays the results on the LCD screen. Prints test results through its built-in printer. A key feature of the TRM-11 is automatic measure transformer connection group. LV and HV windings are automatically isolated once the measurement is over. True portability is achieved by the lightweight (only 10 kg), single unit design housing the TRM-11. The TRM-11 is encased in an aluminum alloy cabinet.

Safety Features

- Automatic cutoff after test
- When data exceeds 30, the last is saved as 30th & the 1st one is deleted
- Fuse protection for line short circuit
- Fuse and reset protection for reverse connection of HV and LV winding

The advantages of TRM-11

- Fully Automatic; No Manual Balancing
- Automatic measure transformer connection group
- Test Single phase and three phase transformers
- Automatic process transformation of group
- Automatic calculation of ratio error
- Isolates test voltage automatically after test
- Recall and print last 30 test results
- Print results on built-in printer

Features

- Micro-controller operated
- Front panel with legend
- Built-in printer
- Can re-call stored last 30 tests results
- Weight: 10 kg

Specifications:

- Display : LCD
- Power supply : 220V \pm 10%, AC 50 Hz.
- Measurement ratio : 1:1000
- Test Voltage : HV: 190V AC. MAX.
LV: 0.19 - 190V AC. MAX.
- Accuracy : 0.2 class
- Usage environment : $\leq 40^{\circ}$ C. < 85% R.H.
- Accessories : Test leads 8 meters long
- Dimensions : 40 x 30 x 20 cm (TRM 11)
- Weight : 10 kg. (TRM 11)

Accessories Bag



Ordering information: TRM-100

Specification subject to change due to constant up gradation

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212-A, Hind Saurashtra Indl. Est., Marol Naka,
Mumbai-400 059. INDIA
Tel: + 91 22 6691 6181 Fax: + 91 22 6694 2787
E-mail: udeyraj@vsnl.com Website: www.udeyraj.com

Distributor:
AUSPOWER EDM PTY LTD
PO BOX 496
Unanderra, NSW 2526
Australia
Tel: 612 4272 3699 Fax: 612 4271 3911
E-mail: john@auspower.net.au
Website: www.auspower.net.au