



TRANSFORMER TURNS RATIO TESTER

(Fully automatic DY-100)



NEUTRONICS MANUFACTURING COMPANY

TRANSFORMER TURNS RATIO TESTER (Fully automatic)

Introduction: Ratio testers using manual 'current measuring bridge' circuits are now out dated. DY-100 is a new, fully automatic tester that measures transformation ratio of single phase and three phase transformers using modern electronic techniques. DY-100 is micro controller operated user friendly, accurate, reliable, small, light weight and reliable tester. DY-100 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. DY-100 incorporates breakthrough technology and design that gives accurate and reliable results, again and again.

Description: DY-100 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 DY-100 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 DY-100 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 DY-100. The DY-100 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 DY-100

- 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

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 (DY100)
- Weight : 10 kg. (DY-100)

Features

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

Accessories Bag



Ordering information: DY-100

Specification subject to change due to constant up gradation

..

NEUTRONICS MANUFACTURING COMPANY

12-A, JOY COMPOUND, OPP. NEW JALARAM ELECTRIC & HARDWARE,

M,AROL MAROSHI ROAD, ANDHERI (E), MUMBAI "C 400 059. INDIA.

TELEFAX : 022 - 29201296. TELE : 022 - 29250745 E-mail : sales@neutronics.co.in

WEBSITE : www.neutronics.co.in