



## Fully Automatic Transformer Turns Ratio Tester Type: DY-100

Quality / Accuracy / Reliability



DY-100 Automatic Transformer Turns Ratio Tester is a new, fully automatic tester that measures transformation ratio of single phase and three phase transformers using modern electronic techniques and does not require any manual 'null' balancing.

### Advantages:

- Fully automatic: no manual balancing required
- Test single phase and three phase transformers
- Automatic measure transformer connection group
- Automatic process transformation of group
- Automatic calculation of ratio error

- Isolates LV and HV windings automatically after test
- Test results saved automatically
- Recall and print last 30 test results
- Prints results on built-in printer

### Features:

- Micro-controller operated
- Front panel with legend
- Built-in printer
- Can recall stored last 30 tests results.
- Weight: 10 kg, encased in an aluminum alloy cabinet

### Safety Features:

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

### Specifications:

- Power supply: AC 220V±10%, 50 Hz.
- Measurement ratio range: 1~10000
- Mode of connection: Y/d; D/y; Y/y; D/d; single phase
- Accuracy: 1-999.9 ±0.1% class; 1000-9999.9 ±0.5% class
- Dimensions: 400 \*300 \*200 mm
- Accessory carry bag: 290(L) \*200(W) \*100(H) mm

- Group measurement: 1~12
- Test voltage: H.V.: 190V AC  
L.V.: 0.19-190v AC (vary with ratio)
- Usage environment: ≤ 40° C, ≤ 85%RH.
- Weight: 10 kg, Accessory bag: 1 kg.

### Accessories Supplied:

- Connection leads terminated with alligator clips, 8 meters long, 2 numbers.

- Main cords.

Product Specifications are subject to change without notice

Manufactured By:

**NEUTRONICS MANUFACTURING COMPANY**

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