

55878 Experimental Set-Up has been designed specifically to study back to back test on single phase transformer. The set up is absolutely self contained and requires no other apparatus. The practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

01 To study Back to back test on single phase transformer.

FEATURES

The board consist of the following built in parts.

01 Two Transformers : Rating 100WATT Input 230 Volt Output 30 Volt.

02 One Auxiliary Transformer : Rating 100WATT Input 230 Volt Output 0- 10, 20, & 30 Volt.

03 Moving Iron

AC portable Voltmeter/ : Housed in Bakelite case with knife edge pointer & anti Ammeter/Wattmeter parallax mirror scale of 140mm length, spring controlled movement, having accuracy class 1.0.

3.1. Two moving iron AC Voltmeter 0 – 300 V.

3.2. One moving iron AC Ammeter 0 – 30 Amp.

3.3. One moving iron AC Ammeter 0 – 5 Amp.

3.4. Wattmeter single phase dynamometer type current coil 2.5 Amp. Potential coil 300 Volt.

04 Two Thermometers 110°C

05 The unit is operative on 230V \pm 10% at 50 Hz A.C. mains.

06 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.

07 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for Connections/ observation.

08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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