



46596 Field Test of DC Series Machine is an elite training system for the Electrical laboratories. DC Machines are an important part of Electrical Engineering Syllabus and to let students understand the basic operation of DC Series Generator, this product play a vital role. It can aptly be employed for performing various exercises like Generator's Working, analysis Magnetic Characteristic, calculate efficiency of both Motor and Generator at any desired load can be predetermined in a easiest manner.

Separate terminals of armature and field windings brought out on a terminal box fitted on top of the Motor. The training system includes terminals for Rheostat and Starter so that devices can be connected externally to the panel. The product thus provides explicit understanding of the subject.

Features

- Stand alone operation
- High Quality meters
- Mechanical coupling arrangement
- Standard BS-10 safety terminals
- Electrical loading arrangement
- Designed by considering all the safety precautions
- Diagrammatic representation for the ease of connections
- Learning material CD
- 2 Year Warranty

Scope of Learning

- To study and verify the field test of DC Series Motor and determine the efficiency of DC Series Motor and Generator

Technical Specifications

DC Power Supply

Input Mains : 230V AC \pm 10%, 50Hz

DC Power Supply

Fixed : 180 - 200V

Variable : 0 - 180/200V

(Please refer specifications on the motor)

Machine Specifications

Both the Machines are flexibly Coupled and Mounted on a "C" channel Base

DC Series Machines (2 Nos.)

Rating : 1HP (Also available with 5HP)

Speed : 1500 rpm (at load)

Insulation : Class "B"

Meters used

DC Voltmeter (MC) : 3 Nos.

DC Ammeter (MC) : 2 Nos.

Dimensions (mm) : W 600 x D 350 x H 600

Note: Specifications are subject to change.

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