



DC Series Motor Lab is a very useful product for any electrical Laboratory to demonstrate the fundamental concepts and operating principles of DC machines. It is useful for students to enhance their practical knowledge which enables complete learning.

Demonstrates, operating characteristic of DC Series Motor. Students can get aware of the methods through which the speed of the DC Series Motor can be controlled. It includes terminals for Rheostat and Starters so that these devices can be connected externally to the panel.

All connections and panel ergonomics are designed in such a manner that students can make connections by themselves. All protection devices are in built eliminating chances of fault or danger to user.

Features

- Stand alone operation
- Exclusive and attractive designed panel
- High quality meters
- Designed by considering all the safety precautions
- Safety terminals and patch chord package.
- Mechanical loading arrangement
- e-Manual

Scope of Learning

- Study of Operating Characteristics of Separately Excited DC Series Motor
- Study of Speed Control of Separately Excited DC Series Motor using Field Current Control
- Study of Speed Control of Separately Excited DC Series Motor using Armature Voltage Control

Technical Specifications

Input : 0 - 180 V Variable DC

Machine Specifications

Type : DC Series
Voltage rating : 180 V
Current rating : 3 A
Power Rating : 1 HP
RPM : 1500 R.P.M

Meters used

Voltmeter (MC) 1 No. : 300 V
Ammeter (MC) 2 Nos. : 5 A

Dimensions (mm) : W 350 × D 600 × H 450

Note: Specifications are subject to change.

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