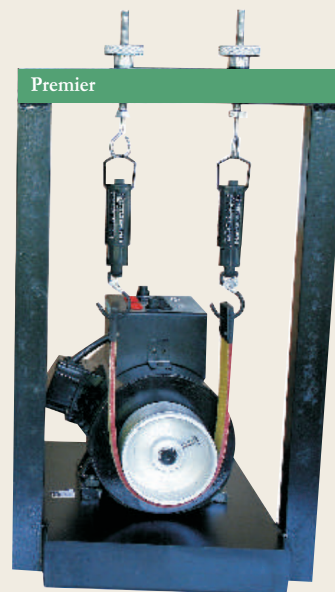
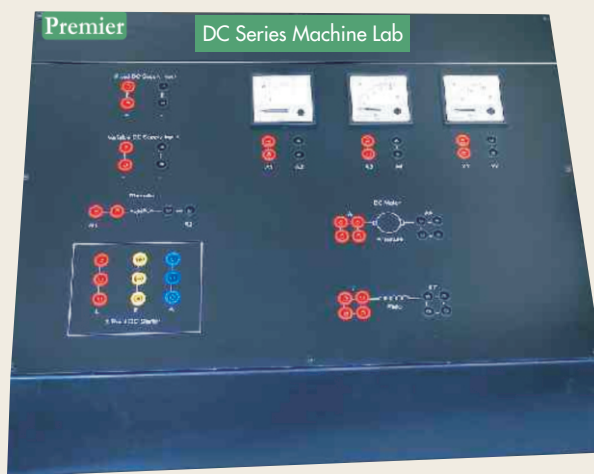


Premier DC Series Motor Lab is useful product for electrical Laboratory to demonstrate the fundamental concepts & operating principles of DC machines. It helps students to enhance their practical knowledge which enables complete learning. It demonstrates, operating characteristic of DC Series Motor. Students can get aware of the methods through which the speed of the DC Series Motor is 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.



Technical Specifications

DC Input Voltage : Variable, 0-180/200 V
Fixed, 180 - 200V
(Please refer motor specs.)

DC Machine

Type : DC Series
Rating : 1 HP
RPM : 1500 RPM

Meters :

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

Tachometer : 20,000 RPM

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

Features

- ▶ DC Series Motor
- ▶ Mechanical Loading Arrangement
- ▶ Exclusive and rugged designed panel
- ▶ Stand alone operation
- ▶ Provided with digital Tachometer
- ▶ Designed by considering all the safety precautions
- ▶ High quality meters
- ▶ Diagrammatic representation for the ease of connections

Scope of Learning

- Study of Speed Control of DC Series Motor by Field Current Control
- Study of Speed Control of DC Series Motor using Armature Control
- Study of Operating Characteristics of DC Series Motor.