

Shunt Motor Series Generator Lab Trainer

Premier Shunt Motor Series Generator Lab is an adaptive training system for Electrical laboratories. It is designed to demonstrate the fundamental concepts of DC Series Generator on different loading conditions. The diagrammatic representation is provided on the control panel so that students can make connections themselves. All protection circuits are inbuilt so there is very less chance of fault or danger.

Technical Specifications

DC Input Voltage : Variable, 0-180/200 V
Fixed, 180 - 200V

Machine Specifications:

Both the Machines are flexibly coupled and mounted on C-Channel base.

DC Machine Specifications:

Type : Shunt
Rating : 1 HP
Speed : 1500 RPM (no load)
Insulation : Class B

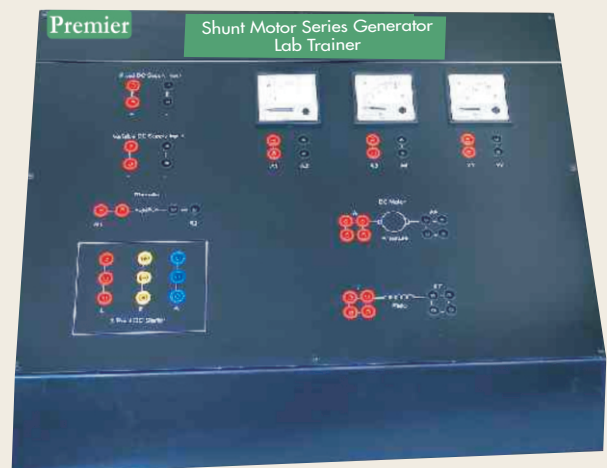
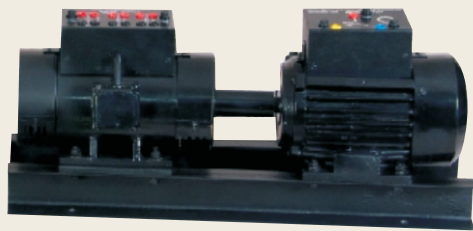
Series Generator

Type : DC Series
Rating : 1 HP
Speed : 1440 RPM (no load)
Insulation : Class B

Meters used:

DC Voltmeter : (MC) 2 Nos.
DC Ammeter : (MC) 2 Nos.

Dimensions (mm): W600 X D350 X H600



Features

- ▶ Stand alone operation
- ▶ Mechanical Coupling Arrangement
- ▶ Exclusive and rugged designed panel
- ▶ Standard Safety Terminals
- ▶ Designed by considering all the safety precautions
- ▶ High quality meters

Scope of Learning

- Study & Verify the No Load Characteristics of DC Series Generator
- Study & Verify the Load Characteristics of DC Series Generator