DC Machine Lab-II is an important system for the Electrical laboratories. It is DC Machine Lab-II that provides comprehensive learning of functioning of a DC Motor. It can aptly be employed for performing various exercises like Motor Starting, Speed Control, N-I Characteristics etc. Thus the trainer makes the subject understanding complete.

Features

- DC Shunt Motor
- Mechanical Loading arrangement
- Exclusive and rugged designed panel
- Stand alone operation
- Designed by considering all the safety precautions
- High quality meters
- Diagrammatic representation for the ease of connections
- Provided with an extensive e-manual
- 2 Years warranty

Technical Specifications

Input (Optional 46501) : 180 V Fixed DC
0-180 V Variable DC

DC Machine

Type	: DC Shunt
Rating	: ½ HP
RPM	: 1400 (No Load)

Meters used

Voltmeter (MC)	: 300 V
Ammeter (MC)	: 1 A
Ammeter (MC)	: 5 A
Dimensions (mm.)	: 350 W × 600 D × 450 H (Panel)
	: 250 W × 400 D × 600 H (Motor)

Scope of Learning

- Speed Control of DC Shunt Motor by Field and Armature current variation.
- Load Characteristics of DC Shunt Motor.
- N-I Characteristics of DC Shunt Motor.
- N-V Characteristics of DC Shunt Motor.
- Study of self excited DC Shunt Motor.

Note: Specifications are subject to change.

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