



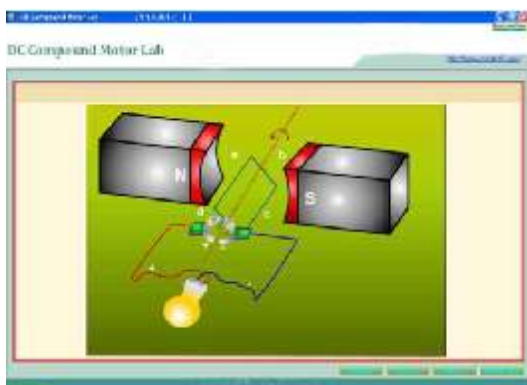
46581 DC Compound Motor Lab is an exclusive training system designed for Electrical laboratories to demonstrate the operation of DC compound motor. Students can understand the fundamental operating principle of DC Compound Motor. This product includes various experiments such as No Load Test, Load Test and Operating Characteristics of DC Compound Motor. The training system includes terminals for 4 point starters and rheostat so that these can be connected externally to the control panel.

Features

- Machine with mechanical loading arrangement
- Provided with Digital Tachometer
- Machine with Class "B" Insulation
- Heavy Duty Base/Channel
- Terminals provided to use the optional externally
- Brake-Drum/Pulley with heat suppression facility
- Designed by considering all the safety standards
- Diagrammatic representation for the ease of connections
- Exclusive and Compact Design
- Learning material CD
- 2 Year Warranty

Scope of Learning

- Study & verify the Load Characteristics of Short Shunt DC Compound Motor
- Study & verify the Load Characteristics of Long Shunt DC Compound Motor



Technical Specifications

DC Power Supply	
Input Mains	: 230V AC \pm 10%, 50Hz
Fixed DC output	: 200V
Variable DC output	: 0 -200V
Machines Specifications (2 Nos.)	
Both the machines are flexibly coupled and mounted on "C" channel base	
DC Machine	
Type	: Compound
Rating	: 1HP
	(Also available with 2HP, 3HP & 5HP)
Voltage Rating	: 200V
Speed	: 1500 RPM (No Load)
Insulation	: Class 'B'
Loading Arrangement	: Mechanical
Brake Drum/Pulley	: Aluminum Casted
Analog Meters used	
DC Voltmeter (MC)	: 300V (2 Nos.)
DC Ammeter (MC)	: 5A (2 Nos.), 2A
Dimensions (mm)	: W 600 x D 450 x H 600 (Control Panel)
	W 335 x D 450 x H 560 (motor)
Weight	: 17kg (approx.) (Control Panel)
	40kg (approx.) (Motor)

Optional

DC Power Supply
(for machines rated upto 2HP/3HP/5HP respectively)
Software window shows working principle of DC Machine 4 Point Starter

Note: Specifications are subject to change.

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