



Nvis 7023 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
- Online Product Tutorial

Scope of Learning

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

Technical Specifications

Machines Specifications

DC Machine (1 no.)

Type	:	Compound
Rating	:	1HP (Also available with 2 HP&3 HP)
Voltage Rating	:	220V ±10%
Speed	:	1500 RPM ±5%
Insulation	:	Class ‘B’

Loading Arrangement : Mechanical

Brake Drum/Pulley : Aluminum Casted

Digital Meters used

DC Voltmeter	:	300V (2 nos.)
DC Ammeter	:	5A (3 nos.)
Digital Tachometer	:	20,000 RPM

Optional

- DC Power Supply Nvis 725/Nvis 725A (for machines rated upto 2HP/3HP respectively)
- 4 Point Starter