

Compound Motor Compound Generator Trainer

MI-ET29



Mine MI-ET29 Compound Motor Compound Generator Trainer is an adaptive training system for Electrical Machine Trainer. It is designed to demonstrate the fundamental concepts of DC Compound Motor and compound Generator on different connections characteristics. The circuits representation is provided on the control panel so that students can make own connections. Protective devices are connected to avoid any danger.

Features

- ❖ Flexible shaft coupling arrangement
- ❖ Provided with Digital Tachometer
- ❖ Facility to connect external load
- ❖ Machine with Class "B" Insulation
- ❖ Heavy Duty "C" Chanel base
- ❖ Provided Supply indicator
- ❖ Designed by the safety standards

Technical Specifications

Mains Supply : 230V \pm 10%, 50Hz

DC Supply

Fixed DC : 220V \pm 10%

Variable DC : 0- 220V \pm 10%

Machines Specification

Machines are flexibly coupled and Mounted on a 'C' channel

DC Machine

Type : Compound

Rating : 1HP

Voltage : 220V \pm 10%

Speed : 1500 RPM \pm 7.5%

Insulation : Class 'B'

DC Machine

Type : Compound

Rating : 1HP

Voltage : 220V \pm 10%

Speed : 1500 RPM \pm 7.5%

Insulation : Class 'B'

Meters used

Voltmeter : 300V (3 nos.) DC

Ammeter : 5A (3 nos.) DC

Digital Tachometer : 19999 RPM

MCB (SPN) : 6A (2 Nos.)

Accessories : Manual & Patch Cords

Optional-Four Point Starter, Rheostat & Resistive load

Learning's

- ❖ Study and perform Characteristics of Differentially Compound Generator as Long Shunt
- ❖ Study and perform Characteristics of Differentially Compound Generator as short Shunt
- ❖ Study and perform Characteristics of Cumulatively Compound Generator as Long Shunt
- ❖ Study and perform Characteristics of Cumulatively Compound Generator as short Shunt

Accessories

Patch Cord



User Manual



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