



**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

## 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

### Technical Specifications

Mains Supply : 230V±10%, 50Hz

#### DC Supply

Fixed DC : 220V±10%

Variable DC : 0- 220V±10%

#### Machines Specification

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

#### DC Machine

Type : Compound

Rating : 1HP

Voltage : 220V ±10%

Speed : 1500 RPM ±7.5%

Insulation : Class 'B'

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Rating : 1HP

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#### Meters used

Voltmeter : 300V (3 nos.) DC

Ammeter : 5A (3 nos.) DC

Digital Tachometer : 19999 RPM

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

**Optional**-Four Point Starter, Rheostat & Resistive load

### Package Contents



Operating Manual



Mains Cord



Patch Cord

## Mine Instruments Pvt. Ltd. An ISO 9001:2015 Certified Company

67-B, First Floor, Electronic Complex, Pardeshipura, Indore-452010 (M.P.) India

e-mail: [info@mineinstruments.com](mailto:info@mineinstruments.com); [sales@mineinstruments.com](mailto:sales@mineinstruments.com)

[www.mineinstruments.com](http://www.mineinstruments.com); [www.mineinstruments.in](http://www.mineinstruments.in), [+91-731-4246503](tel:+91-731-4246503) [+91-6262603222](tel:+91-6262603222), [+91-6262603777](tel:+91-6262603777)

Regional [East](mailto:east@mineinstruments.com) : +91-6262601000 | [West](mailto:west@mineinstruments.com) : +91-6262605000 | [North](mailto:north@mineinstruments.com) : +91-6262609000 | [South](mailto:south@mineinstruments.com) : +91-6262608000  
 Emails- [east@mineinstruments.com](mailto:east@mineinstruments.com) | [west@mineinstruments.com](mailto:west@mineinstruments.com) | [north@mineinstruments.com](mailto:north@mineinstruments.com) | [south@mineinstruments.com](mailto:south@mineinstruments.com)

