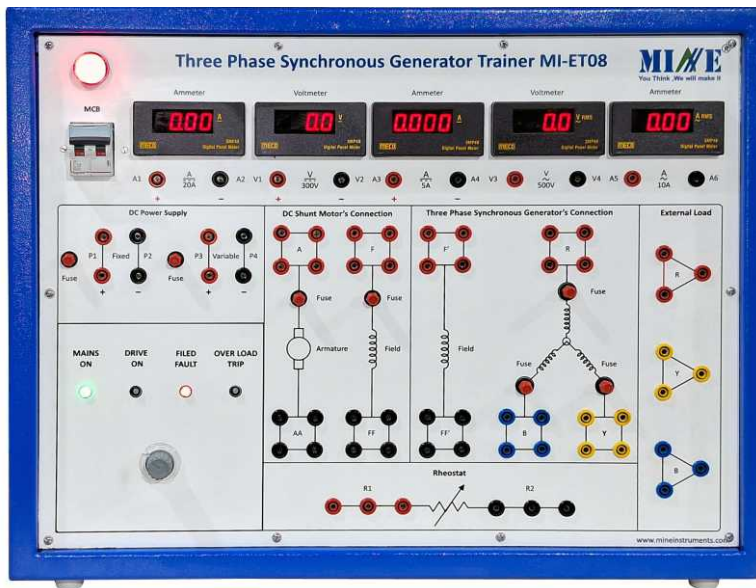




Mine MI-ET08 Three Phase Synchronous Generator Trainer is an extremely useful laboratory kit which provides facilities for hands on experience to various experiments in the field of electrical trainer and provides all necessary inputs and connections for students to study open circuit characteristic and short circuit characteristics of Three Phase Synchronous Generator Lab. This kit is extensively designed for institutions to train/teach their students in more effective manner about Fundamentals of Three Phase Synchronous Generator Lab. This is an unique and standalone device for learning Fundamentals of Three Phase Synchronous Generator Lab.

Features

- ❖ Electrical loading arrangement
- ❖ Flexible shaft coupling arrangement
- ❖ Provided with Digital Tachometer
- ❖ Machine with Class "B" Insulation
- ❖ Terminals provided to use the optional externally
- ❖ Equipped with supply indication lamps

Learning's

- ❖ To study the open circuit characteristic of Three Phase Synchronous Generator.
- ❖ To study the short circuit characteristic of Three Phase Synchronous Generator.
- ❖ To study the Load test of Three Phase Synchronous Generator.

Technical Specifications

DC Power Supply :

Fixed DC Supply	:	200V
Variable DC Supply	:	0-220V

DC Machine Specifications:

Type	:	DC Shunt
Rating	:	5HP
Voltage Rating	:	220V $\pm 10\%$

Synchronous Generator :

Rating	:	3HP
Voltage rating	:	415V ± 10

Meters

DC Voltmeter	:	300V
AC Voltmeter	:	500V
DC Ammeter	:	20A
DC Ammeter	:	5A
AC Ammeter	:	10A
Tachometer	:	19,999 RPM

MCB (SPN)	:	25A
-----------	---	-----

MCB (TP)	:	6A
----------	---	----

On-board terminals for connecting DC Shunt Motor externally

On-board terminals for connecting Synchronous Lab Generator externally

Optional

Three Phase Load 5A (per phase)

Rheostat 250 ohm/3A

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; sales@mineinstruments.com

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

