



Product Overview

The Control Panel for Auto Synchronous Motor–DC Shunt Generator is designed for educational and laboratory applications involving synchronous motor operation, excitation control, and DC generation.

It provides a durable front panel, precision metering, safety protections, and complete wiring for operational demonstration and testing.

Features

- Screen-printed polycarbonate front panel / **MS closed-type panel with engraved Hylam sheet**
- Integrated Starter & Variac (Rectifier-Type Exciter)
- Complete AC & DC metering for voltage and current
- High-quality Special Nylon insulated terminals / **B.T.I-30 terminals**
- Indicator lamps for circuit status
- Fully wired and mounted on robust sheet (Polycarbonate / **Hylam**) with MS angle frame
- Compact, durable, and suitable for continuous lab usage

Technical Specifications

Parameter	Specification
Panel Construction	Screen-printed Polycarbonate panel / MS Closed Panel with Engraved Hylam Sheet
Excitation System	Starter & Variac – Rectifier Type Exciter

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Parameter	Specification
AC Voltmeter	0-500 V
AC Ammeter	0-15 A
DC Voltmeter 1	0-300 V
DC Ammeter 1	0-2 A
DC Voltmeter 2	0-500 V
DC Ammeter 2	0-20 A
MCB Protection	3-Pole MCB - 01; 2-Pole MCB - 01
Terminals	Special Nylon-Based Insulated Terminals / B.T.I-30 Terminals
Indicator Lamps	Provided
Mounting Sheet	Polycarbonate Sheet / Hylam Sheet
Sheet Size	1000 mm × 600 mm
Frame Type	MS Angle Frame
Overall Dimensions	Height: 1700 mm; Width: 610 mm (approx.)

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