

Product Code:

AL-E338

CATALOGUE

#118, Karanpuri, Behind B.D.Floor, Ambala Cantt, Haryana (India),

DC MACHINE CONTROL PANEL TRAINER

Technical Specifications:

- Electrical control panel consist of starting and speed control methods of DC Series, Shunt & Compound Motor.
- Panel size 42inches x24 inches
- Variable power supply source 15A per provided externally.
- 2A Variable DC Power Supply is provided on board.
- 2A fixed Power Supply is provide on Board.
- Electrical panel consist of MS powder coated housing with back side removable.
- Electrical panel fitted with front panel of high class insulated Bakelite sheet 6mm thick.
- On board 3 point , 2 point starter provided on the front panel
- It is fitted with appropriate digital voltmeter, ammeter & wattmeter to record the readings.
- Short circuit protection with the help of MCB.
- Load bank is provided internally on panel with 100W electrical bulbs.
- Connections through 4mm safety terminals
- Supplied with instruction manual

Experiments:

- Study of DC Motor starting & speed control.
- Load test of DC Motor.
- Study of DC Series, DC Shunt Motor & Compound Motor.
- Study of starting of Motor and load test.
- Method of starting of self exciting generator & its load characteristics.

Product Photographs:



Optional:

- DC Series Motor 1HP Motco MAKE
- DC Shunt Motor Specs: 220V/1500RPM/DC Shunt Motor
- DC Shunt Motor 1HP Motco MAKE
DC Shunt Motor Specs: 220V/1500RPM/DC Shunt Motor
- DC Compound Motor Motco Make
DC Compound Motor Specs: 220V/1500RPM/DC Compound Motor
- DC Generator 3 HP coupled with 1KW generator
Specs: 3 HP Motor coupled with 1KW Shunt Generator
220V / 1500 RPM / DC Shunt Motor Self excited

Features

Supplied with complete electrically panel consist of MS powder coated box with high insulation n Bakelite sheet of size 42x24 table top type. It is completed with all digital meters to indicate the input and Output. On board 3 point starter connected . the DC power supply for operating the shunt motor is internally connected with short circuited protected with MCB. The additional load bank is connected to load the alternator for full load with lamp load. The field is controlled by the internally connected dc variable power source.

Accessories:

1. DC SEIRES MOTOR MOTCO Make.

- 2. DC SHUNT MOTOR MOTCO Make.
- 3. DC COMPOUND MOTOR MOTCO Make.
- 4. DC Generator coupled with Shunt Motor Motco Make.
- 5. Single Phase DC Supply 15A rating Ambeylab Make

