



Designed & Manufactured By :

**alfa electricals** An ISO 9001:2008 Certified Co.

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## DC Machine with Mechanical Brake Loading :

The system is supplied along with Control Panel & Mechanical Brake Loading Arrangement mounted on heavy duty 'C' Channel base Structure and anti-vibration pads.

The Unique desing of Control Panel with MMIC Diagram to demonstrate & study the fundamental of DC Machines.

Easy Operating System for students to perform No-Load Test, Load Test and can plot speed-torque, current-torque and efficiency-torque curves to understand the behavior and characteristic of DC Machines. Controlling the Speed of DC Machines by Field Current Regulation and Armature Voltage Regulation. Load & No-Load Characteristic of DC Machines.

**Powder Coated Panel Structure, fabricated from high quality 16/18 SWG M S Sheet with in-built storage facility. Cost-Effective Table Top Panel is also available.**

**Customized and Tailor made design can be done as per specific requirement of customer.**

### Specifications :

DC Machine : SPDP SAPEX Foot Mounted

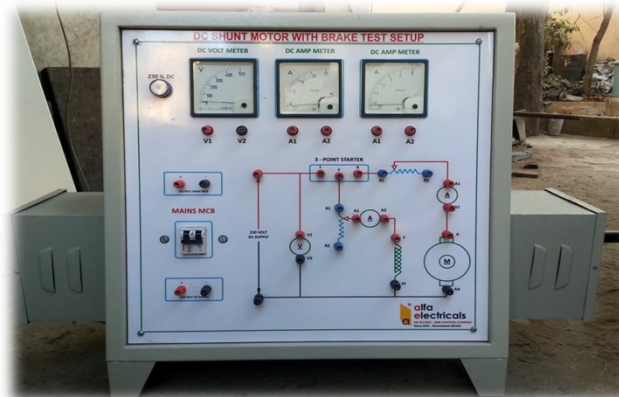
Type : Shunt/Series/Compound

Ratings : 0.5 HP to 10 HP

Base Voltage : 220V/380V/440V

Speed : 1500 RPM(or as Specified)

Insulation Class : B / F



### Features :

100 % Copper Windings

Armature Stampings made from electrical grade Silicon Steel

Dynamically Balanced skewed Rotor for Noise & Vibration free operations

Constand & Uniform Pressure Carbon Brush Holders - Lesser Sparking

Dynamically Balanced loading drum pulley

Heavy duty 'C' channel base structure with Anti-Vibration Pad

Easy Installation and Portability - No Civil Work or foundation required

Choice for Digital or Analog Meters

**Mfg. of: All Types Of Electric Motors & Laboratoty Equipment for Educational Institutes.**