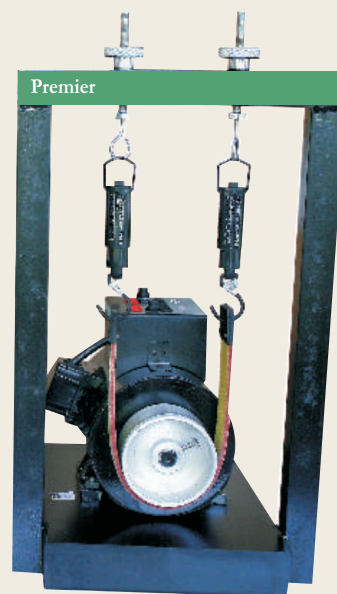
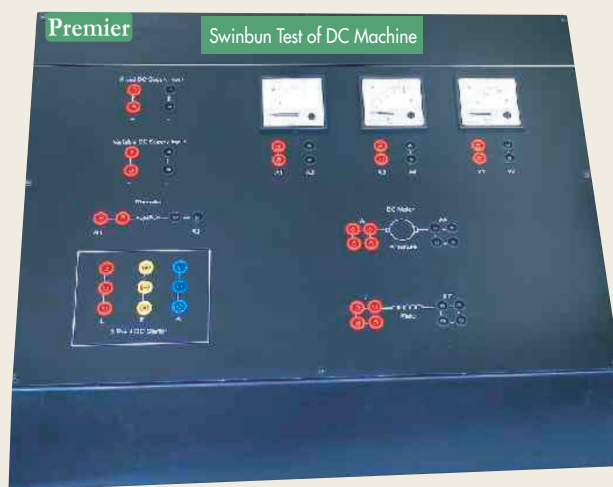


# Swinburn's Test of DC Machine

Premier Swinburn's Test of DC Machine is an important training system for Electrical Laboratories. It can be aptly employed for understanding the fundamental concepts and functioning of DC Motor. Swinburn's Test is the method through which losses are measured separately and efficiency at any desired load can be predetermined.

Separate terminals of armature and field windings brought out on terminal box fitted on top Motor. The training system includes terminals for Rheostat and Starter so that devices can be connected externally to the panel. The product thus provides explicit understanding of the subject.



## Technical Specifications

**DC Input supply** : Variable, 0-180/200 V  
 Fixed, 180 - 200V  
 (Please refer motor specs.)

## DC Machine Specification

Type : DC Shunt  
 Rating : 1 HP (Also available with 2 & 3 HP)  
 RPM : 1500 (no load)

## Meters used

Voltmeter (MC type) : 1 No.  
 Ammeter (MC type) : 1 No.

**Dimensions (mm)** : W 600 x D 350 x H 450 (panel)

## Scope of Learning

- Study and Determine the loss of DC Machine and corresponding calculate the efficiency of DC Machine by Swinburn's Test Method.

## Features

- ▶ Stand alone operation
- ▶ Mechanical Loading Arrangement
- ▶ Exclusive and rugged designed panel
- ▶ Standard Safety Terminals
- ▶ Designed by considering all the safety precautions
- ▶ High quality meters
- ▶ Diagrammatic representation for the ease of connections