Product name:	Product code:
Single Phase Induction Motor Lab	Educational0010

Description

Single Phase Induction Motor Lab

Technical specification

- Rating : 1 HP
- Voltage rating : 230 V ± 10%

Single Phase Induction Motor Lab

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Single Phase Induction Motor Lab is an exclusive and attractive training system for the electrical laboratories. It provides complete learning concepts of Single Phase Capacitor Start Induction Motor. Separate terminals have been provided for main winding, starting winding and capacitor so that student can understand the significance of individual winding along with the role of capacitor in the motor in a simple manner. It includes phenomenon of excitation, running and reversing of the motor. Students can calculate the equivalent circuit parameters and the power factor of the motor. It demonstrates the relation between speed and torque, known as load characteristic or speed-torque characteristic of the motor. All connections and appearance of panel are designed in a simple manner. Students can make connections by themselves.

- Exclusive and attractive designed panel
- Stand alone operation
- Designed by considering all the safety standards
- High quality meters
- Diagrammatic representation of the circuit for ease of connections

Technical Specifications

- Mains Supply : 230 V ±10%, 50 Hz
- Induction Motor
  - Type : Capacitor start
  - Phase : Single
  - Current type : AC