

Product Name :
Three Phase Induction Motor Electrical Trainer

Product Code :
ADM-033-NE



Description :

Three Phase Induction Motor Electrical Trainer for Electric Motors Teaching Labs - Three Phase Induction Motor Trainer is an adaptable training system for the Electrical laboratories. The product helps you to get fully acquainted with the basic concepts and functioning of a Three Phase Induction Motor. The trainer practically expertises you in exercises like Running and Reversing, No Load Test, Block Rotor Test, Slip Measurement etc. The varied scope of learning makes the subject understanding complete.

Exclusive and rugged designed panel

Stand alone operation

Designed, consider all the safety precautions

High quality meters

Diagrammatic representation for the ease of connections

Provided with an extensive e-manual

2 Year warranty

Technical Specifications

Mains Supply : Three Phase

415 V $\pm 10\%$, 50 Hz

Motor's Specifications

Type : Squirrel Cage

Rating : 1 HP

RPM : 1410 (No Load)

Meters used

Wattmeters : 1000 W (2 Nos.)

Voltmeter (MI) : 500 V

Ammeter (MI) : 5 A

MCB : 10 A

Dimensions (mm.) : 350 W 600 D 450 H (Panel) 250 W 400 D 600 H (Motor)

List of Experiments

Study of Running and Reversing of Three Phase Induction Motor

Study of No Load Test performed in a Three Phase Induction Motor

Study of Block Rotor Test performed in a Three Phase Induction Motor

Measurement of Slip in a Three Phase Induction Motor

Study of Speed-Torque characteristics in a Three Phase Induction Motor

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