

**Product Name :**  
3 Phase AC Squirrel Cage Induction Motor for Electrical Lab

**Product Code :**  
ADM-004-NE



**Description :**

for Electric Motors Teaching Labs 3 Phase AC Squirrel Cage Induction Motor for Electrical Lab - This Model is a educational model suitable for demonstrating to students the complete know of the Basics, Components, Starting methods, Wear & Tear & Maintenance of these motors packaged in small rating. Students can make connections of their own with the help of the terminations provided for study of features viz Starting methods, Speed control, Speed-Torque, Effect of Phase angle, Study of Cogging/Crawling, Effects of Single phasing, Effect of voltage imbalance operation, Blocked rotor test.

3 Phase AC Squirrel Cage Induction Motor Technical Specs :

Power ratings available : 350W / 750W / 1KW / 2 KW / 3KW/ 5KW

Voltage Input: 440V AC 50hz

RPM: 1440 / 2880 RPM

Single / Double shaft extension, TEFC, IP44, IC01, B3, Class-B, S1, Casting body.

3 Phase AC Squirrel Cage Induction Motor List Of Experiments

Starting by DOL Starter

Starting by Star-Delta Starter

Starting by reduced voltage starter

Speed Control by VVVF method

Load test & No load test of machine

Speed-Torque Analysis

Voltage-Speed Analysis

Speed reversal

Efficiency Analysis

Blocked rotor test

Cold Resistance & Hot Resistance

Motor Operation parameters  
Basic Overhauling Know how

## Naugra Export

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