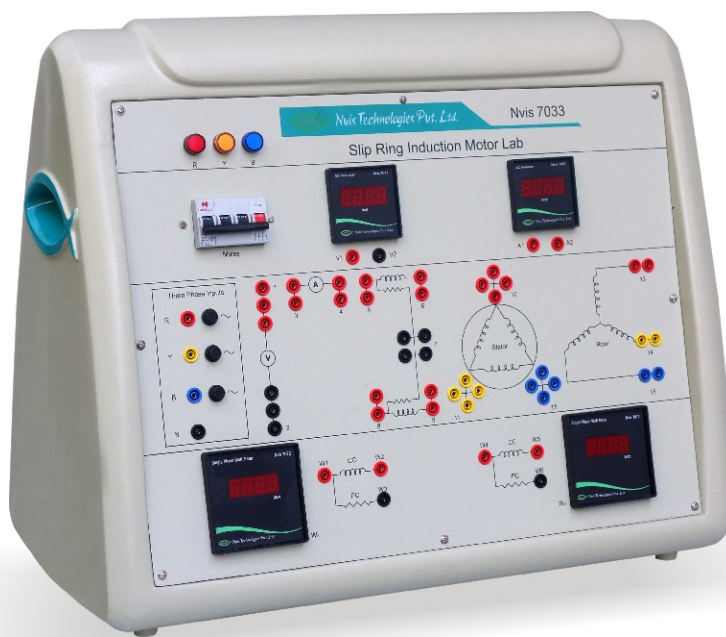




Slip Ring Induction Motor Lab

Nvis 7033



Nvis 7033 Slip Ring Induction Motor Lab is an adaptable training system for the electrical laboratories. The product helps to understand the basic concepts and functioning of a Slip Ring Induction Motor. This system gives practical knowledge about the running and reversing of Induction Motor, study of no load test, block rotor test and load test etc.

This product is represented in such an easy way so that each test can be studied differently in proper sequence. Students can easily observe the test themselves using test points provided in very technical and easy way and get expected results.

Features

- Machine with Mechanical Loading Arrangement
- Provided with Digital Tachometer
- Control board consist of high grade FRP material to provide utmost safety to the users
- Machine with Class "B" Insulation
- Heavy Duty Base/Channel
- Brake-Drum/Pulley with heat suppression facility
- Equipped with supply indication lamps
- Designed by considering all the safety standards
- Diagrammatic representation for the ease of connections
- Product Tutorial (CD)

Scope of Learning

Study of:

- Running and Reversing of Slip Ring Induction Motor
- No Load Test in a Slip Ring Induction Motor
- Block Rotor Test in a Slip Ring Induction Motor
- Measurement of Slip in a Slip ring Induction Motor
- Speed-Torque Characteristics of Slip Ring Induction Motor

Technical Specifications

Mains Supply	: Three Phase, 415V \pm 10%, 50Hz
Motor Specification's	
Type	: Slip Ring
Rating	: 3HP
Voltage Rating	: 415V \pm 10%
Speed	: 1440 RPM \pm 5%
Insulation	: Class 'B'
Loading arrangement	: Mechanical
Brake Drum/Pulley	: Aluminum Casted
Digital Meters used	
Wattmeter	: 2000W (2 nos.)
AC Voltmeter	: 450V
AC Ammeter	: 5A
MCB (TPN)	: 10A
Digital Tachometer	: 20,000 RPM
Optional	
Three Phase Variac, 10A	
Rotor resistance starter	

Designed and Manufactured in India by -

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