

Product Name :
EDDY Current Dynamometer for Motor Testing for Electrical Lab

Product Code :
ADM-013-NE



Description :

EDDY Current Dynamometer for Motor Testing for Electric Motors Teaching Labs for Electrical Lab - This Model is an educational model suitable for demonstrating to students the complete know of the Basics, Components, Mechanicals, Loading methods, Torque evaluation, Loading scheme, 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 Coupling the motor to be tested, Starting methods, Speed-Torque, Excitation control of Dynamometer, Torque measurement. (Providing Load cells is an option)

Technical Specs :

Power ratings available : 1KW / 2KW/ 5KW/ 10KW

Voltage Input: 230V AC to Exciter unit

Rpm of Machine 1500

Single shaft extension, SPDP, IP23, IC01, B3, Class-B, S1, Solid yoke

List Of Experiments:

Load testing of D

Load testing of AC Motor

C Motor

Torque calculation at various rpm

Speed-Torque Analysis

Voltage-Speed Analysis

Speed reversal

Efficiency Analysis

Blocked rotor test

Cold Resistance & Hot Resistance

Motor Operation parameters

Basic Overhauling Know how

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