

Product Name :
Electrical Machine Trainer

Product Code :
Lab Trainers0009



Description :

Electrical Machine Trainer

We are Leading Supplier of Electrical Machine Trainer in India. We also bulk supply Electrical Machine Trainer for laboratory tensors.

Specifications :

19 Types of Modules & Graphic Boards

25 Types of Electrical Machine Assembly

Experimental Board Rack & Storage Trolley

Experimental Board Rack (BR-6)

Installation Capacity : 8 ea

Dimension : 1480 X 740 X 320 Mm (W x H x D)

Board Storage Cabinet (BS-20)

Storage Capacity : 13

Experimental Modules List :

Field Rheostat : 1 ea

Starting Rheostat : 1 ea

AC/DC Machine Load Unit : 1 ea

Three Phase (Y-?) Load Unit : 1 ea

Variable R, L, C Load Unit : 1 ea

AC/DC Power Supply : 1 ea

AC Volt / Ampere Meter : 1 ea

DC Volt / Ampere Meter : 1 ea

DC Milli ammeter : 1 ea

AC/DC Machine Field Frame : 2 ea
Auto Driving Unit : 1 ea
Pole Changing Unit : 1 ea
Graphic Board List :
DC Machine Board : 1 ea
Three Phase Machine Board : 1 ea
Rotary Converter Board : 1 ea
Compound Motor Board : 1 ea
Speed Control of Induction Motor Board : 1 ea
Repulsion Motor Board : 1 ea
Split Phase Motor Board : 1 ea
LIST OF MACHINE PARTS :
3 Pole Rotor & Other Rotors : 6 ea
Wide Magnetic Pole Pieces : 15 ea
Shunt Field & Various Field Coil : 10 ea
Permanent Magnet (Round Type) : 2 ea
Brush & Brush Holder Set : 3 ea
LIST OF EXPERIMENTS :
BASIC EXPERIMENTS ON GENERATOR :
Principle of the Generator
Single-phase AC Generator using permanent magnet
DC Generator using permanent magnet
Separately excited DC shunt wound generator by field coil
Self-excited DC shunt wound generator by field coil
Generator's no-load saturation
Load characteristics of separately excited DC shunt wound generator
Load characteristics of AC generator
Principle of 3 phase AC generator
Revolving field, 3 phase AC generator
Principle of rotary converter
BASIC EXPERIMENTS ON MOTOR :
Principle of the Motor
DC motor using permanent magnet
DC series wound motor using the field coil
DC shunt wound motor by starter and field resistor
DC compound motor
AC universal motor
Rotary field of 3 phase induction motor
Squirrel cage induction motor
2 step speed control of induction motor
Repulsion motor
Split phase motor by condenser
Polarized motor

Naugra Export

Website: www.naugraexport.com, **Email:** sales@naugraexport.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, 2601773

