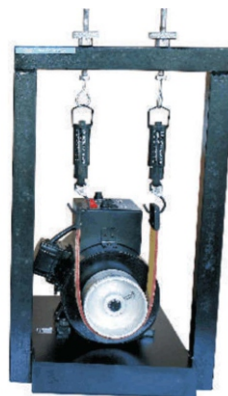


**THREE PHASE INDUCTION
MOTOR TRAINER**
OMEGA TYPE 20 101



OMEGA TYPE 20 101 Three phase induction Motor Trainer is an adaptable training Board to help one to familiar with the basic concepts and functioning of three Phase induction Motor. One can perform experiments including Running and Reversing, No Load Test, Block Rotor Test, Slip Measurement etc.

OBJECT

- 01 Study of Running and Reversing of Three Phase Induction Motor
- 02 Study of No Load Test performed in a Three Phase Induction Motor
- 03 Study of Block Rotor Test performed in a Three Phase Induction Motor
- 04 Measurement of Slip in a Three Phase Induction Motor
- 05 Study of Speed-Torque characteristics in a Three Phase Induction Motor

FEATURES

- 01 Machine with Mechanical loading Arrangement.
- 02 Provided with Digital Tachometer.
- 03 Machine with Class "B" Insulation.
- 04 Heavy Duty base/Channel.
- 05 Brake-Drum/Pulley with heat supersession facility.
- 06 Equipped with supply indication lamps.
- 07 Designed by considering all the safety precautions
- 08 Diagrammatic representation for the ease of connections
- 09 Exclusive and compact design.

TECHNICAL SPECIFICATION

- 01 Mains Supply : Three Phase
415V ±10% at 50 Hz
- 02 Three phase induction Motor:-
 - 2.1 Type : Squirrel Cage
 - 2.2 Rating : 1 HP
 - 2.3 Speed : 1400 RPM (No Load)
 - 2.4 Insulation : Class "B" Loading arrangement : Mechanical Brake Drum/Pulley : Aluminum Casted
- 03 Digital Meter 3½ Digit used:
 - 3.1 Watt meters: 1250W (2Nos. 250V X 5Amp)
 - 3.2 Voltmeter : 500V
 - 3.3 Ammeter : 3A
- 04 MCB 4 Pole : 10A
- 05 Dimensions panel : L600 x H450 x D350mm
- 06 Dimensions motor : L250 X H600 X D400mm
- 07 Weight panel : 14.5 KG (Approximate)
- 08 Weight motor : 22KG (Approximate)

LIST OF ACCESSORIES:

- 01 Shrouded patch cord 4mm length 50/100cm .13
- 02 4core cable length 3meter with PS16 female 01
- 03 4core cable length 1meter with PS16 male... 01
- 04 Digital Tachometer.....01

OTHER APPARATUS REQUIRED:

- 01 Three phase variac Input 0-415 V
Output 0-470 V current 4 Amp or above.
- 02 Multimeter OMEGA TYPE - 201

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS