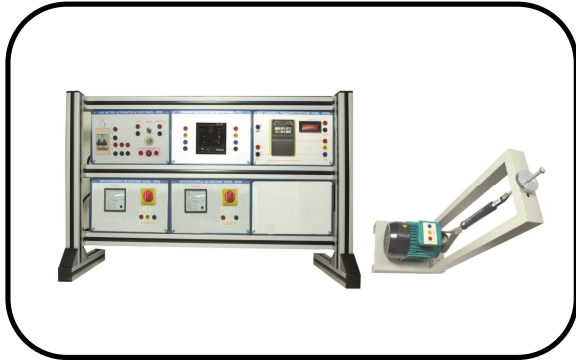


KMT-03 3 PH INDUCTION MOTOR SPEED CONTROL TRAINER



KMT-03 3 phase Induction Motor speed control Trainer is a rugged training system for the Electrical laboratories mounted on Aluminum profile rack with sturdy table top at panel. Each panel has ABS molded plastic sturdy enclosure with 4mm shrouded connectors showing circuit diagram & its connection tag numbers for easy understanding and connections. The product helps you to get fully acquainted with the basic concepts and functioning of a 3 phase Induction Motor speed control

Specifications

- Trainer control panel is provided in 40X40mm Aluminum profile rack with sturdy table top flat panel.
- It has 5 no's of ABS plastic panel mounted on the aluminum rack with mimic diagram of components
- All input & output are terminated in 4mm shrouded connector and 4mm banana cable is provided for experiments.
- 1 Ph Motor, Alternator & Sync Panel (1 No)
 - 1ph 230V/2A & 230V/4A AC output supply.
 - 1 ph. MCBs of 4A.
 - Lamp Load socket with 100W Bulb
- 1 phase Multifunction Panel (1 No)
 - 1 phase 230V AC Output.
 - Multifunction meter to measure.
 - LCD/LED display, Aux supply 230V, 45-65 Hz, 5W
 - V, A, Hz, Pf, VAR, Watt, VA
- AC Voltmeter Meter panel (1 No)
 - 0-500V AC Voltmeter
 - Selector switch to select line voltage of 3 phase

- AC Ammeter panel (1 No).
 - 2A/6A Dual range AC Ammeter
 - Selector switch to select phase Current of 3 phase
- IGBT Controlled AC Motor Drive (VFD) panel (1 No).
 - 1 phase 200-230V AC Input
 - Output 3 Phase 0-230V AC.
 - Frequency range from 0.1Hz to 400Hz
 - Sine wave controlled mode with reverse & forward mode.
 - Capacity 0.5 HP
 - 4 digit RPM Meter to measure Speed.
- 3 Phase Induction Motor.
 - 3 Phase 80 frames/6 terminals, 0.5Hp Induction Motor.
 - 1500RPM Induction Motor.
 - Load break arrangement unit.

Accessories:

- Set of Shrouded Cables
- Set of Manuals with Experiments.
- Demo CD showing Experiments

Optional Accessories:

- Eddy break for loading with panels for DC, measurement, Torque & Speed measurement1 No
- Hand held Tachometer....1 No
- Working Table (KWT-01)....1 No
- Multimeter ... 1 No
- Tool Kit... 1 No

Experiment List

- Study of Speed torque characteristics of Motor & constant V/f ratio verification.
- Study Efficiency of Motor

Note : Specifications & Photos can be altered without notice in our constant efforts for improvement.