

## KMT-03 3 PHASE INDUCTION MOTOR TRAINER



**KMT-03** 3-Phase Induction Motor Trainer is a rugged training system for the Electrical laboratories mounted on Aluminum profile rack with sturdy table top flat 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 an 3-Phase Induction Motor Trainer.

### Specifications

- Machine trainer having control panel should provided in 40X40mm Aluminum profile rack with sturdy table top flat panel.
- Should have 3 no's of ABS plastic panel mounted on the aluminum rack with mimic diagram
- All input & output are terminated in 4mm shrouded connector, Should provide 4mm banana cable for experiments.
- Should have 1 ph. Supply, Multifunction Panel
  - 1 phase 230VAC Output.
  - Multifunction meter to measure .
  - LCD/LED display, Aux supply 230V, 45-65 Hz, 5W
  - V, A, Hz, Pf, VAR, Watt, VA
- Should have IGBT Controlled AC panel.
  - 230V AC Input
  - Output 3 Phase 200-230V AC.
  - Frequency range from 1Hz to 100Hz
  - Sine wave controlled mode with reverse & forward mode.
  - 4 digit RPM Meter to measure Speed.

- Should have Meter panel.
  - 0-300V AC Voltmeter.
  - 0-2AAC Ammeter.
- Should supply with Induction Motor.
  - 3 Phase 1/2Hp Induction Motor.
  - Load break arrangement unit.
  - 1500RPM Induction Motor.

### Experiment Motor List

- ! Study of Speed torque characteristics of Motor
- ! Study Efficiency of Motor

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