

# AC MOTOR INVERTER DRIVE TRAINER 40200

The AC Motor Inverter Drive Trainer is an educational device designed to help users learn about and understand the operation of AC motor drives and inverters. It typically features a practical setup where users can experiment with controlling the speed, direction, and torque of an AC motor using an inverter drive. The trainer often includes components such as a motor, inverter, control panel, and various sensors to simulate real-world applications, making it ideal for training and hands-on learning in electrical engineering or industrial automation.

## Able to learn : -

- Function and characteristic of AC Motor drive
- Set up, commission, power up and configure of electrical AC drive system
- AC drive multi speed and torque control
- Motor rotating clockwise and counter clockwise control
- PID control function
- Monitor motor condition W/VA/RPM/Torque
- Remote control by PLC
- Fault findings in AC drive control system

## Required Item : -

- AC Drive Inverter Training Module
- Operation Manual
- Experiment Manual
- PLC trainer kit



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## Components : -

No	Component	Qty
1	0.5Hp 3 Phase 4 Pole 220V AC Induction Motor,	1
2	750W Single Phase 220V AC Inverter Drive	1
3	Brake Module	1
4	Digital & Analog Operation Switch	1
5	Analog Input Voltage Regulation	1
6	Analog Output Voltage Display	1
7	Digital & Analogy Operation Switch	1