

# AC Starter Training System



\*\* Shown image is just for illustration original may differ

## Introduction

AC Starter Training System is designed to explain the basic concepts of AC Starters. A motor starter is a device used with AC electric motors to temporarily reduce the load and torque during startup. It includes an inbuilt AC Starter such as Star delta starter, Three Phase DOL starter in a sequential manner. Students can get knowledge of the basic concepts and working of starters in an easy way. Diagrammatic representation of connection diagram for the entire starter is illustrated on the panel so that students can easily understand the internal architecture of AC Starters.

## Product Features

- Digital microcontroller based measuring devices with high accuracy and resolution
- Control board Consist of MS Material with power coating / Epoxy paint to avoid any rust
- Screen printed symbols, circuit diagrams, graphics or photos wherever requires.
- Designed using standard BS-10 terminal and patch cords for electrical safety
- Machine winding consist of copper for long term service
- Machine with Class "F" Insulation
- Machine with standard mechanical loading structure
- Machine with standard tabular spring balance with zero adjustment facility
- 1.5 mm x 3mm Heavy Duty Base/Channel with facility to concrete machine using suitable heavy nuts and bolts
- Brake-Drum/Pulley with heat suppression facility inside it
- Provided with non contact Digital speed measuring equipment
- Equipped with three phase supply indicator lamps
- Earthing screw provided at the back side of the control board
- Product supplied with protection fuses, colored patch cords, single and three phase cords, learning manual having theory operating procedure with connecting diagram, FAQ, Glossary, etc

## Technical Specifications

<b>Mains Supply</b>	: 415VAC $\pm$ 10%, 50Hz
<b>Star Delta Starter</b>	
Make	: Siemens/L&T or equivalent
Power Rating	: 5HP (not available below this rating)
<b>Three Phase DOL Starter</b>	
Make	: Siemens/L&T or equivalent
Power Rating	: 3HP
<b>Single Phase DOL Starter</b>	
Make	: Siemens/L&T or equivalent
Power Rating	: 1HP
<b>Digital Meters used</b>	
AC Voltmeter	: 500V.
AC Ammeter	: 10A.
<b>Digital Tachometer</b>	
Range	: 19,999 rpm
Type	: Contact / Non-contact
<b>Protection Devices</b>	
MCB (TPN)	: 1No
Glass Fuse	: 3Nos
Grounding Nut	: Available at the rear side of the panel

### Experiments Can be performed:

- Study of Star Delta Starter and its applications
- Study of DOL Starter and its application

### Supporting Accessories supplied with Product

- Patch Cords of different color scheme
- Single Phase & Three Phase Mains Cord
- Digital Tachometer
- Extra Glass Fuses
- Users Operating Manual (softcopy)

**\*\*Please feel free to share your queries or requirements by filling your details in ask query section or request a Quote section on the website, we will be happy to cater your requirement.**