



ASC A-ET05 Scott Connection Trainer is an extremely useful electrical laboratory kit which provides facilities for hands on experience to various experiments in the field of electrical trainers and provides all necessary inputs and connections for students to study basic concepts and functioning of a Scott Connection. It covers vary basic concepts like role of Mains Transformer, Teaser Transformer, Three Phase to Two Phase Conversion and Waveform observation etc while studying Scott Connection Trainer. This is an unique and standalone device for learning Fundamentals of Scott Connection.

## Features

- ❖ Main and Teaser Transformer are shown separately Two Phase Step down Outputs for Waveform Observation
- ❖ Equipped with supply indication lamps
- ❖ Provided with bulb holder to use load externally
- ❖ Designed by considering all the safety standards
- ❖ Diagrammatic representation for the ease of connections
- ❖ Digital Panel Meters
- ❖ On board Safety Terminal for Connections

## Technical Specifications

### Main Transformer (Center tapped)

Primary Winding	:	200-0-200V $\pm 10\%$ , 50Hz
Secondary Winding	:	0-230V $\pm 10\%$ , 50Hz

### Teaser Transformer

Primary Winding	:	0-115.6V (28.9%) $\pm 10\%$ , 50Hz
346.4V (86.6%) $\pm 10\%$ , 50Hz		
400V $\pm 10\%$ , 50Hz		
Secondary Winding	:	0-230V $\pm 10\%$ , 50Hz

### Step down Transformers (2 Nos.)

Primary Winding	:	0-230V $\pm 10\%$ , 50Hz
Secondary Winding	:	0-18V $\pm 10\%$ , 50Hz

### Digital Meters

AC Voltmeter	:	500V (2 nos.)
AC Ammeter	:	5A (2 nos.)

Input Line Voltage : Three Phase, 415V AC,  $\pm 10\%$ , 50Hz

Dimensions (in mm) : W630 x H480 x L350

Optional : CRO/DSO

## Learning's

- ❖ Study the Basic of Mains Transformer
- ❖ Study the Basic of Teaser Transformer
- ❖ Study the Three Phase to Two Phase Conversion by Scott Connection.

## Accessories

Patch Cord



User Manual

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