

**Product Name :**  
Single Phase Cycloconverter

**Product Code :**  
NET0049



### Description :

Single Phase Cycloconverter

### Technical Specification :

This is a platform which is very useful for Students to understand the concept of Thyristor firing method & working of single phase cycloconverter on various load configurations. The trainer is provided with inbuilt AC/DC power supplies & exhaustive learning material.

### Features

- Built in Power Supply Easy to operate and understand On board firing circuits Gradual firing angle control up to 180°
- Test points to observe output of different blocks Sockets for making interconnections
- Scope of Learning Study

- firing circuit of single-phase cycloconverter. Study single phase mid - point cycloconverter with Resistive and inductive load.
- Technical Specifications
- On board firing circuits : Ramp comparator firing scheme
- Interconnections : 2mm sockets
- Firing angle variation : Gradual variation from 0 to 180 degree
- SCR assembly : 4 SCRs 2P4M, 400V/2A
- Pulse transformer : PT4503 , 1:1:1
- Mains Supply : 220V/110V, 50 Hz / 60 Hz
- Load : Resistance-279E, 5W
- Test points : 9 nos Product
- Dimensions (mm) : W 420 x D 255 x H 100 Weight : 1 Kg. (approximately)

Operating Conditions : 0-40 C, 85% RH Included Accessories : 2mm Patch cords (blue) 16": 5 nos. Mains cord : 1

## Electrical and Electronics

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