



Sciencetech 2717 is a platform which is very useful for Students to understand the concept of various thyristor commutation techniques for SCR. Platform is provided with various. Commutation circuits like Class A, Class B, Class C, Class D, Class E & Class F commutation. This platform is provided with Inbuilt AC/DC power supplies & exhaustive learning material are provided.

Features

- Built in AC & DC Power Supply
- On board firing circuit
- On board pulse transformer for isolation
- Test point to observe signals

Scope of Learning

Study class:

- A commutation circuit
- B commutation circuit
- C commutation circuit
- D commutation circuit
- E commutation circuit
- F commutation circuit

Technical Specifications

On board firing circuits	:	Triangular wave comparator circuit
SCR assembly	:	2 SCRs 2P4M, 400V/2A, 1SCRs TYN616, 600A/16A
On board DC supply	:	24 V, GND
On board AC supply	:	15V - 0
Test points	:	19 nos
Interconnections	:	2mm sockets
Mains Supply	:	220V/110V , 50 Hz / 60 Hz
Dimensions (mm)	:	W 420 x D 255 x H 100
Weight	:	1 Kg. (approximately)
Operating Conditions	:	0-40°C, 85% RH
Product Tutorial	:	Online on www.SciencetechLearning.com
Included Accessories	:	2mm Patch cords (Red) 16"-2 nos. 2mm Patch cords (Black) 16"-2 nos. 2mm Patch cords (Blue) 16"-18 nos. Mains cord-1 no.

Optional

Simtel Power Electronics Simulation Software