



Scientech 2719 is a learning platform which is very useful for Students to understand the concept of thyristor firing method & working of DC to DC conversion on various load configurations. Platform is provided with inbuilt DC power supply & exhaustive learning material.

Features

- Built in DC Power Supply
- On board firing circuit
- Test points provided to check the outputs at different blocks
- Easy to operate and understand
- Sockets provided to make different connections

Scope of Learning

- Study SCR Firing Circuit.
- Study Step-Up Chopper with resistive load.
- Study Step-Up Chopper with resistive inductive load.

Technical Specifications

On board firing circuit	: Triangular wave comparator firing scheme
Frequency variation	: 27 Hz to 5 KHz (approx.)
PWM variation	: 0 - 50%
Interconnections	: 2 mm sockets
SCR assembly	: SCR TYN 616, 600 V, 16A
Test points	: 5 nos
Mains Supply	: 220V/110V; 50 Hz / 60Hz
Dimensions (mm)	: W 420 x D 255 x H 100
Weight	: 1 Kg. (approximately)
Product Tutorial	: Online on www.ScientechLearning.com
Operating Conditions	: 0-40°C, 85% RH
Included Accessories	: 2mm Patch cords (Red) 16"-1 no. 2mm Patch cords (Black) 16"-1 no. 2mm Patch cords (Blue) 16"-8 nos. Mains cord-1 no.

Optional :

Simtel Power Electronics Simulation Software