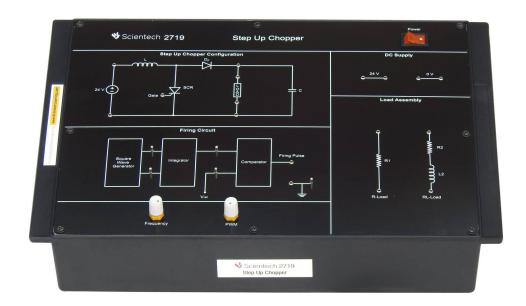
Step -Up Chopper Scientech 2719



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 compartor 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