



Sciencetech 2718 is a learning platform which is very useful for Students to understand the concept of thyristor firing method & working of DC to AC conversion by Bedford & Parallel Inverter circuit. This platform is provided with inbuilt DC power supply & exhaustive learning material.

Features

- Built in DC Power Supply
- Easy to operate and understand
- On board Firing circuits
- Test points given to check waveforms
- Sockets to make different connections
- On board pulse transformer for isolation

Scope of Learning

- Study parallel inverter.
- Study Bedford inverter.

Technical Specifications

On board firing circuit :

Triangular wave comparator circuit

Variable frequency and PWM.

Frequency 30 Hz to 900 Hz

Interconnection	: 2 mm sockets
SCR	: 4 SCRs 2 P4M, 400 V/2 A
Pulse transformer	: PT4503 , 1:1:1
Mains Supply	: 220V/110V, 50 Hz / 60 Hz

Test points	: 5 nos
Product Tutorial	: Online on www.SciencetechLearning.com
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 (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