



Scientech 2702 is a platform which is very useful for Students to understand various thyristor firing methods like R, RC half wave, RC full wave. This platform is provided with in built power supply, sockets for making interconnection in the circuit & exhaustive learning material.

Features

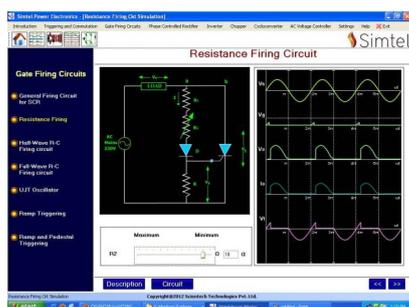
- Built in Power Supply
- Easy to operate and understand
- Three firing circuits on single board
- Gradual firing angle control
- Test points for observe output of different circuits
- Sockets to make different connections
- On board AC source of 0V-18 V

Scope of Learning

Study of the:

- Resistor Triggering Circuit
- RC Full & Half Wave Triggering Circuit

Software Window



Technical Specifications

On board AC source : 0 V - 18 V

On board firing circuits:

R Triggering Circuit

RC Half Wave Triggering Circuit

RC Full Wave Triggering Circuit

Interconnections : 2 mm sockets

Firing angle variation : Gradually variation using firing control (2M Ω)

SCR : 1 SCRs 2P4M, 400 V/2A

Test points : 8 nos

Product Tutorial : Online on www.ScientechLearning.com

Dimensions (mm) : W 420 x D 255 x H 100

Power Supply (Mains) : 110V - 260V AC, 50/60Hz

Weight : 1 Kg. (approximately)

Operating Conditions : 0-40°C, 85% RH

Included Accessories :

Patch cord 2mm 16" : 7 nos.

Mains cord : 1 no.

Optional :

Simtel Power Electronics Simulation Software