



GOVERNMENT ENGINEERING COLLEGE, DAMAN
DEPARTMENT OF ELECTRICAL ENGINEERING
POWER ELECTRONICS LABORATORY

3 PHASE HV THYRISTOR CONTROL TRAINER



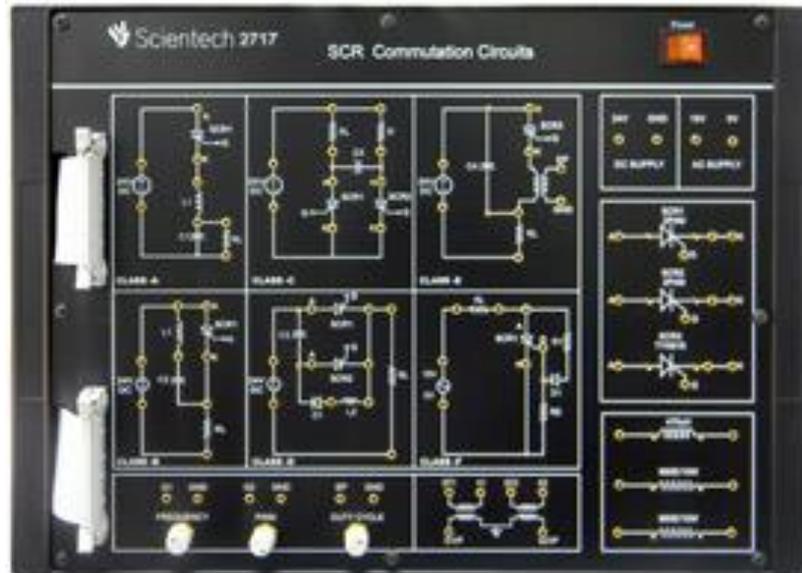
Basic Details: -

- Full and Half controlled 6 and 12 pulse converters can be designed.
- 3 phase power supply required.



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SCR COMMUTATION CIRCUIT TRAINER



Basic Detail: -

On board firing circuit

SCR Assembly : 2 SCRs 2P4M, 400V/2A, 1 SCR TYN616, 600A/16A

On board DC supply : 24V, GND on board AC supply: 15V-0

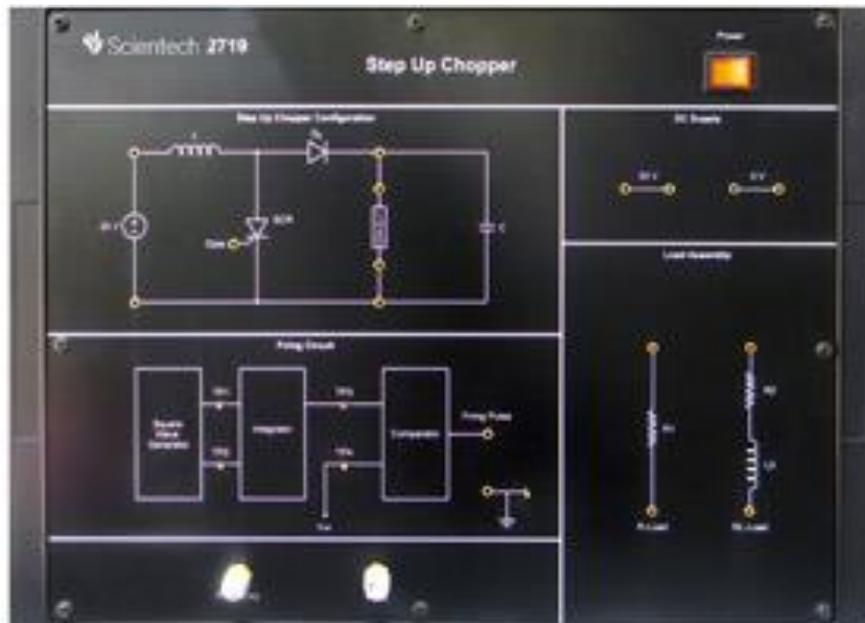
Test points : 19 nos interconnections: 2mm sockets Mains supply : 220V/100V

50HZ/60HZ Dimensions (mm) : W 420 X D 255 X H 100



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STEP UP CHOPPER TRAINER



Basic Detail: -

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 on board firing circuit : triangular wave comparator

Firing scheme frequency variation : 27 HZ to 5 KHz

PWM variation : 0- 50%

Interconnections : 2 mm sockets

SCR Assembly : SCR TYN616, 600 V, 16 A

Test points : 5 nos

Main supply : 220V/110V ; 50HZ/60HZ