



**46905** is a platform where Students can understand the various thyristor firing technique by using IC 555 and UJT. This is very useful for understanding of pulse generation. 2703 is provided with in built power supplies, sockets for making interconnection in the circuit and exhaustive learning material.

#### Features

1. Built in Power Supply
2. Easy to operate and understand
3. Two triggering circuits on single board
4. Test points to observe output pulses
5. Sockets to make different connections
6. On board DC sources of 5 V and 12 V

#### Object

1. Study of the triggering of SCR using UJT
2. Study of the triggering of SCR using TC555

#### Technical Specifications

On board AC source	:	18 V - 0 V - 18 V
On board DC Supply	:	+5 V, +12 V
On board triggering circuits :		
555 IC triggering circuit		
UJT triggering circuit		
Interconnection	:	2 mm socket
SCR	:	SCRs TYN616, 600V/16 A
Test points	:	4 nos
Dimensions (mm)	:	W 420 x D 255 x H 100
Power Supply	:	110V - 260V AC, 50/60Hz
Weight	:	1 Kg. (approximately)
Operating Conditions	:	0-40° C, 85% RH

#### Included Accessories :

1. 2mm Patch cords 16"- 4 nos.
2. Mains cord-1 no.

Note: Specifications are subject to change.