



Experimental Training Board has been designed specifically for the study of various Applications of the Timer IC 555.

Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

To study the following Timer Applications of IC 555:

01. Pulse Generator.
02. Timer.
03. Sequential Timer.
04. Pulse Width Modulator (PWM).
05. Time Delay Circuits.

Features:

The board consists of the following built-in parts :

01. $\pm 9V$ D.C. at 60 mA, IC Regulated Power Supply internally connected.
 02. Pulse Carrier Generator with frequency of 2 KHz $\pm 10\%$.
 03. Sine Wave Generator with frequency of 100 Hz $\pm 10\%$.
 04. Pulser capable of generating a negative going pulse.
 05. LED driver circuit for time delay circuits.
 06. Two Timer ICs 555.
 07. Two Rotary Switches and adequate no. of other electronic components.
 08. Mains ON/OFF switch, Fuse and Jewel light.
- * The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.
 - * Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length $\frac{1}{2}$ metre.
 - * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
 - * Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Other Apparatus Required:

- * Digital Stop Clock
- * Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

305, Taru Chhaya Nagar, Tonk Road, Jaipur-302029, India
Tel: +91-141-2724326, Mob: +91-9413330765
Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in