



**36396** Experimental Training Board has been designed specifically for to determine the dielectric constant of solid (liquid) different length using slotted section.

The set-up is complete in all respects and require no other apparatus.

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

### Object

- 01 To determine the dielectric constant of solid.
  - 1.1 Bakelite
  - 1.2 Teflon
- 02 To determine the dielectric constant of liquid.

### Features

The complete experimental board consists of following:

- 01. Digital Ammeter DC 3½ Digit Having of 200  $\mu$ A for null.
- 02. Test Capacitor
- 03. Variable Capacitor
- 04. Air Capacitor
- 05. Mains ON/OFF switch, Fuse and Jewel light.
- 06. Dielectric plates Size 175 x 75 x 3/1.6 mm Qty- 3 Pcs (Bakelite)
- 07. Dielectric plates Size 175 x 75 x 1.5 mm Qty- 3 Pcs (Teflon)
- 08. The unit is operative on 230V  $\pm$ 10% at 50Hz A.C. Mains.
- 09. Adequate no. of other electronic components
- 10. Adequate no. of patch cords stackable 4 mm spring loaded plug length 50cm.
- 11. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.
- 12. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 13. Weight : 2.5 Kg. (Approx.)
- 14. Dimension: W 415 x H 165 x D315

Note: Specifications are subject to change.

**Tesca Technologies Pvt. Ltd.**

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302022, Rajasthan, India,  
Mob./Whatsapp: +91-9829132777; Email: info@tesca.in, Website: www.tescaglobal.com