



- OMEGA TYPE ES-318** Experimental Set-up has been designed specifically for determination of Di-electric constant of a specimen at high frequency by Lecher wire. The set-up consists of VHF oscillator, Lecher wire, Detector & Condenser.
- The set-up is complete in all respects and require no other apparatus.
- Practical experience on this set up carries great educative value for Science and Engineering Students.
- OBJECT**  
To determine Di-electric constant of a specimen (Liquid) at high frequency by Lecher wires.
- 06 Weight : 7.4 Kg. (Approx.)
  - 07 Dimension : W 145 x H 140 x D 200
  - 08 The unit is operative on 230V  $\pm 10\%$  at 50Hz A.C. Mains.
  - 09 Adequate no. of patch cords stackable 4 mm spring loaded plug length 50cm.
  - 10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.
  - 11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

## FEATURES

The complete experimental Set-up consists of following:

- 01 **VHF OSCILLATOR** : 360 Mcs to 410 Mcs
- 02 **LECHER WIRE** : Fitted on 1.75 meter bench
- 03 **DETECTOR** : Bulb type
- 04 **CONDENSER** : Parallel Plate
- 05 **WOODEN SCALE** : 1 meter long

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

## OMEGA ELECTRONICS

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