



**OMEGA TYPE ES-269** Experimental Set-Up has been designed specifically for the study of Elliptically Polarised Light by means of a Photo voltaic cell. The set-up consists of source of light, Convex lens, Analysing and Polarising Polaroids, Photo voltaic cell, Microammeter, Suitable optical bench with uprights etc.

The set-up is complete in all respect and requires no other apparatus.

Practical experience on this set-up carries great educative value for Science and Engineering Students.

#### OBJECT

- 01 To study Elliptically Polarised Light by means of a Photo Voltaic Cell.

#### FEATURES

The complete Experimental Set-up consists of the followings:

- 01 Optical Bench one meter (two fixed and four Variable) with holders to hold accessories.
- 02 Lamp House with 100W Bulb & Rod.
- 03 Convex lens (75mm dia & F.L.10cm.)
- 04 Analysing and Polarising Polaroids each mounted on a graduated circular scale 360°
- 05 Quarter(1/4 plate) wave plate.
- 06 Photo Voltaic Cell mounted in a house.
- 07 Microammeter having 50uA ranges.
- 08 Weight : 7.3 Kg. (Approx.)
- 09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

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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