55769 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 with six uprights (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(l/4 plate) wave plate.
06 Photo Voltaic Cell mounted in a house.
07 Microammeter having 50uAranges.
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.

Note: Specifications are subject to change.

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