

OMEGA TYPE ES-312 Experimental Set-Up has been designed specifically to study the Polarisation of Light by Simple reflection using Laser. The set-up consists of Circular table, Diode Laser, Glass Slab, Analyser attachment with Laser Detector, Nanoammeter, Reading lens and Spirit Level.

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

To study Polarisation of light by simple reflection using Laser.

FEATURES

The complete Experimental Set-up consists of the following items.

01. Diode Laser with Power Supply.
 - Maximum output : 2 mW
 - Wave length : 670 nm visible red
 - Power supply : Included with ON/OFF switch working on 230 mains.
02. Circular Table : Spectrometer scale 6" dia circle with vernier but without Collimator & Telescope. It has two holders one for Laser & other for Laser Detector.
03. Analyser attachment with Laser Detector : Fitted with circular scale graduated in 360°
04. Glass Slab : Size 75 x 50 x 18 mm
05. Digital Milliammeter : OMEGA TYPE DPM milliammeter 0–2 mA. DC house in bakelite case, display 3½ digit, power required 230V ±10% at 50 Hz. mains.
06. Reading Lens : 50 mm diameter with handle
07. Spirit Level : 60 mm length

* Weight : 10.5 Kg. (Approx.)

* 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.

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