



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

01 To study Polarisation of light by simple reflection using Laser.

FEATURES

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

01 HE-NE LASER WITH POWER SUPPLY with heavy duty stand

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|----------------|---|---|
| Maximum output | : | 1 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 one holders for Laser Detector.

03 ANALYSER ATTACHMENT : Fitted with circular scale graduated in 360° with Laser Detector

04 GLASS SLAB : Size 75 x 50 x 18 mm

05 DIGITAL MICRO AMMETER : range 0–200uA. DC house in bakelite case, display 3½ digit,
(OMEGA TYPE DPM-054) power required 230VAC ±10% at 50 Hz.

06 READING LENS : 50 mm diameter with handle

07 SPIRIT LEVEL : 60 mm length

08 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