



55812 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. on heavy duty stand

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 Microammeter : micro ammeter 0–200 μ A. DC house in bakelite case, display 3½ digit, power required 230V \pm 10% at 50 Hz. mains.

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.

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in