

Product Name :
Malus Law Setup for Physics Electric Labs

Product Code :
BSC-TR-25



Description :

Malus Law Setup - Comprises of fixed lamp arm, central circular glass plate base and movable analyzer arm.

Digital ammeter for precise reading. Malus Law Setup - Comprises of fixed lamp arm, central circular glass plate base and movable

analyzer arm.

Digital ammeter for precise reading.

Malus Law Apparatus dedicated to elucidate students to understand the wave nature of light. LED is used as a source of unpolarized light. With the help of this apparatus the basic law of polarization, Brewster's law and Malus law can be verified. Polarization can be studied by direct vision as well as by reading the variation of intensity through a digital ammeter connected across a photo detector. The verification of Malus law can be done in two different ways using two coaxial polarized and a combination of glass plate and Polaroid. All the above experiments can also be performed using unpolarized laser as the source of light.

Comprises of fixed lamp arm, central circular glass plate movable analyzer arm and photo detector arm

Holders with adjustable height and circular scale plates

Digital ammeter for precise loading

Graduated circular scale of analyzer from 0 to 360

Learning material

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