IVESTY

GURU KRIPA ENTERPRISES

AN ISO 9001:2015 & NSIC CERTIFIED COMPANY

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GEM PORTAL REGISTERED

IV-E602 Fresnel's BI-Prism Experiment

- Bi-Prism Holder: Bi-Prism holder has the fine radial motion by a fine pitch screw.
- Lens Holder: Lens holder is automatic spring action for equal opening and closing both sides.
- Micrometer Eyepiece: Ramsden Eyepiece, 10x, is carried on a slider which moves along a micrometer screw accurately made LC = 0.01 mm.

Scope of Learning:

- Ideally suited for simple, clear & easily comprehensive assemblies for interference, diffraction and holography experiments. The laser is constructed in such a way that is safe to use under any circumstances. Laser tubes alongwith SMPS power supply are housed in thick powdered coated aluminium Box. From the hole, the laser beam comes out.

Technical Specification:

- Operating Wavelength : 632.8nm (RED)
- Beam Diameter : 0.8mm
- Beam Divergence : < 1mrad
- Polarisation random :(unpolarised)
- Mode : TEM
- Output Power Stability : ±2.5%
- Power Input : 220V AC ± 10%, 50Hz
- Min. Operating Life time: 15,000Hrs.
- Shelf Life : 10 years