

Product Name :
Intermediate Spectrometer

Product Code :
NLAB-SCIENTIFICEQ25004



Description :

Intermediate Spectrometer

Technical Specification :

- This is a robust instrument designed specifically for student use, which nevertheless is capable of very high performance.
- The main structure is of heavy cast metal, with bright plated fittings.
- The complete instrument is supplied with wooden case.
- **Scale:** The 150mm diameter circle with protective plastic shield is fixed to the telescope movement and the table is attached to the double ended vernier, which reads to 1 minute of arc.
- Both telescope and table rotation fine adjustment screws, and release of a clamping screw enables adjustment of both movements to be made by hand.
- **Collimator:** Mounted on fixed and fitted with 178mm focus achromatic objectives, 25mm clear aperture. Also fitted is a unilaterally adjustable slit 7mm long.

- **Telescope:** Mounted on moveable pillar and fitted with 178mm Focus achromatic objective, 25mm clear aperture.
- Also fitted is a 8× Ramsden eyepiece and a glass cross line graticule. Both the telescope and collimator have rack and pinion focusing.
- Means are provided for leveling the axis of both optical units and for squaring them to axis of rotation.
- **Prism Table:** The table is marked with lines to assist placing the prism with respect to the table leveling screws.

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