

Product Name :
Intermediate Spectrometer**Product Code :**
ALTECEDULABA0364**Description :****Intermediate Spectrometer**

This is a robust instrument designed specifically for student use which is capable of very high performance. The main structure is of heavy cast metal, with bright plated fittings.

Scale : The 150 mm. diameter circle with protective 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 screws enables adjustment of both movements to be made by hand.

Collimator : Mounted on fixed and fitted with 178 mm. focus achromatic objectives, 25 mm. clear aperture. Also fitted is a unilaterally adjustable slit, 7 mm. long.

Telescope : Mounted on moveable pillar and fitted with 178 mm. Focus achromatic objective, 25 mm. clear aperture. Also fitted is a 8x Ramsden eyepiece and a glass crossline graticule. Both the telescope and collimator have rack and pinion focussing. Means are provided for levelling 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 levelling screws.

RSP-630 Spectrometer 6" circle, 30 seconds of an arc.

RSP-701 Spectrometer 7" circle, 1 minute of an arc.

RSP-730 Spectrometer 7" circle, 30 seconds of an arc



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