

Product Name :

Spectrometer

Product Code :

ALABS-A78-003

**Description :****Spectrometer**

Dimensions : 260x18mm diameter

Telescope vernier reads to 1 min of arc. A model for student use, with an optical system equivalent to that of more advanced models, thus permitting many quantitative experiments.

Graduated disc 127mm dia, fixed to table, double ended vernier, to read to 1 min of arc, attached to telescope. Both telescope and table have fine adjustment screws and release of clamping screw enables coarse adjustments to be made by hand. Telescope and collimator are fitted with 178mm focal length, 32mm clear aperture achromatic objective and have rack and pinion focusing telescope fitted with x15 Ramsden eyepiece and cross-line graticule, collimator with adjustable slit, length 6mm, mounting on telescope and collimator permits accurate leveling of axis and squaring of axis of rotation.

The spectrometer table, marked with lines to assist positioning of prism and diffraction grating. Complete in hardwood case with the following accessories : One prism clamp, one diffraction grating holder, one watchmaker's eye glass, one Tommy-bar for adjusting optical axis.



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