

Product Code . EL-PLE-10966

Student Spectrometer



Description

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The collimator and telescope tubes are one piece precision castings in light alloy, concealed helical action focusing devices are provided.

The base, integral with the collimator tube support, carries the swinging telescope arm pivoted on a bearing with spring-loaded end thrust plates.

The collimator slit with spring-loaded jaws is of a robust design which ensures retention of the initial accuracy.

This type of bearing eliminates any slack which would otherwise develop with wear.

The graduated prism table support, 18cm dia, is divided in degrees, the vernier, reading to 0.1° , is fixed to the telescope arm.

The fully adjustable prism table, has screwed holes for the attachment of prism and grating holders, to accommodate prisms upto 38mm high.

This arrangement permits easy estimation to 0.05° from the conveniently positioned vernier scale.




Large diameter clamping knobs are fitted for movement control and fine adjustment is provided for the telescope.

Without prism.

Dimensions overall: 51 x 23 x 22cm l x w x h

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