1. Spectrometer, Intermediate

This instrument is specifically designed for higher level work but is sufficiently robust for individual student use. The main structure is of heavy cast metal with bright plated fittings. The instrument is mounted on a baseboard which fits into a polished hardwood case.

Scale:
177mm diameter circle is fixed. The table and telescopic movements are completely independent of each other. Both movements can be read to 30 sec. of arc by means of double ended verniers. Both rotations have fine adjustment screws. Release of a clamping screw enables coarse adjustment to be made manually.

Collimator:
Mounted on a fixed pillar and fitted with 178mm focus achromatic objective with 32mm clear aperture.

Telescope:
Mounted on a movable pillar and fitted with 178mm focus achromatic objective with a 32mm clear aperture. Also fitted is x15 Ramsden eyepiece and a glass cross line graticule.

Prism table:
The table is marked with lines to assist placing the prism with respect to the table levelling screws and has interchangeable clamping units for the prism and a diffraction grating.

Code	Pack	Price
OP2002	Each	£270.34

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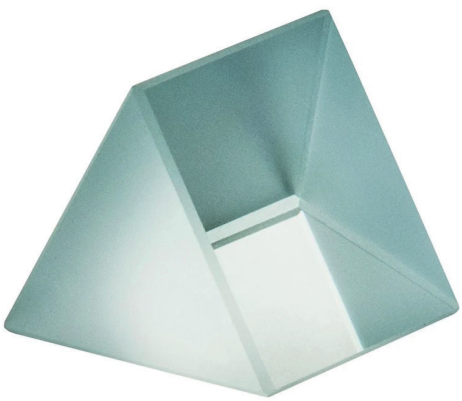


2. Spectrometer Prisms

Optically worked prisms for use with spectrometer. Equilateral, two faces polished. 32 x 32mm.

Code	Description	Pack	Price
PH0583A	Borosilicate crown glass R index 1.51	Each	£8.81
PH0583B	Dense flint glass R index 1.62	Each	£16.67
PH0583C	Extra dense flint glass R index 1.65	Each	£26.30
PH0583D	Double extra dense flint R index 1.71-1.74	Each	£18.14

2



3. Travelling Microscope

Designed to give maximum accuracy.

Horizontal and vertical scales made of brass steel. The cast iron base is fitted with three levelling screws and a smooth, machined top which the metal carriage slides over. The Perspex stage is perfectly designed to allow objects to be placed and measured, and slides can be clamped in a horizontal or vertical position using a clamping screw.

- Achromatic lenses
- Slides travel 210mm horizontally and 160mm vertically
- Eyepiece: 10x, FL: 50mm
- Vernier reading 0.02 or 0.01mm
- Supplied in a polished wooden case

Code	Pack	Price
MIC8512	Each	£347.92

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