



SPECTROMETER 2302



The 2302 allows you to perform accurate prism and grating spectrometry in the research laboratory. The instrument is made from heavy durable castings designed to retain accuracy for many years. High quality optical components combined with state-of-the-art CNC machining are combined to produce an instrument of outstanding quality.

The 2302 advanced spectrometer has a 177mm diameter fixed circle plus two independent verniers capable of reading to 30 seconds of arc. Decimal circles and verniers can be supplied reading to 0.01 degree if required.

The prism table can be adjusted for height, rotated and locked into any position. Levelling is achieved using three knurled screws. A fine tangent screw is used for final adjustment of the prism or the grating angle.

- Wide aperture optics
- Precision vernier readout to 30 arc seconds
- Absolute angle measurement

TECHNICAL SPECIFICATION

Telescope:	178mm focus 32mm aperture x15 Ramsden eyepiece and crossline graticule
Collimator:	178mm focus 32mm aperture 6mm adjustable slit
Focusing:	Rack and pinion
Vernier:	Double ended 30 arc second reading
Weight:	12Kg

ACCESSORIES

2186	Gauss eyepiece	2326	Polaroid polariser or analyser
2311	Crown glass prism	2327	As 2326 with rotary movement and vernier to 0.1 degree
2313	Dense flint prism	2329	1/4 wave plate
2315	Extra dense flint prism	2336	Bulb
2324	Copy grating 600lines/mm	2337	Transformer
2325	Double sided mirror		



The Precision Tool and Instrument Company Limited.
Brett Drive, Bexhill-on-Sea, East Sussex TN40 2JP, England.
Telephone: Bexhill (0424) 733128 Fax: Bexhill (0424) 733129 Telex: 957368 SOLG

PTI Reserve the right to alter specifications without prior notice in line with a policy of constant improvement to our product range