



## CATHETOMETER 2202



The 2202 cathetometer consists of a telescope mounted on a carriage which runs on a square brass bar. The lower end of the bar is fitted with a sleeve which runs in an accurately ground gunmetal bush in the cast iron tripod base. The base has three levelling screws. The bar can be turned manually with respect to the base and this rotation can be finally adjusted by means of a fine thread tangent screw.

A scale is cut directly into the brass column and the position of the telescope is determined by means of a vernier scale which is attached to it. A magnifier is fitted to the carriage to simplify reading the scales.

The carriage is positioned manually on the column and can be clamped to it. Final height adjustment is carried out by means of a fine adjustment screw, which operates an auxiliary slide attached to the main carriage. The telescope unit is mounted to this auxiliary slide, and means are provided for levelling the optical axis.

### TECHNICAL SPECIFICATION

Travel:	500mm
Verniers:	0.01mm divisions
Telescope:	178mm focus 25mm aperture x10 Ramsden eyepiece and crossline graticule
Focusing:	Rack and pinion
Weight:	12Kg

### ACCESSORIES

2217	Reversible telescope	2179	Eyepiece scale, 21mm diameter with scale 10mm long, divided into 100 divisions (horizontal)
2218	Tee level	2180	Eyepiece scale as 2179 (vertical)
2220 - 27	Auxiliary lenses	2185	Screw micrometer eyepiece, Ramsden type
2228	Micrometer head		
2178	Eyepiece glass crossline, 21mm diameter		

- High degree of accuracy
- Easy to use
- Robust
- Digital readout available on request



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