



## CATHETOMETER 2205/2207



The 2205 and 2207 cathetometers are similar to the 2202 type, the main difference being that the column is mounted in a frame which supports it at both the top and bottom. An additional feature is that it is possible to have an accessory levelling screw (type 2257 or type 2258) to enable the instrument to be used in a horizontal position.

The column 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 attached to it. These scales are read by a magnifier mounted on the carriage. 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:	2205: 500mm 2207: 1000mm
Vernier:	0.01mm divisions
Telescope:	178mm focus 25mm aperture x10 Ramsden eyepiece and crossline graticule
Focusing:	Rack and pinion
Weight:	2205: 20Kg 2207: 43Kg

### 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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