



VERNIER MICROSCOPE 2158



The Vernier microscope 2158 has calibrated movements in one horizontal direction and also vertically. The cast-iron base has three levelling footscrews and is machined to take a kinematically mounted horizontal carriage which supports the vertical column. The carriage has a small circular level, and also carries a magnifier for reading the horizontal scale. The vertical column, which has graduations cut directly into it, carries the vertical carriage on which is mounted the microscope. This microscope can be fitted to either side of the vertical column to suit the users preference, and can be set to be horizontal or vertical. Both carriages have locking screws, releasing which enables free manual movement of the carriages. Fine adjustment is by means of the fine screw thread at the end of each slide. The Base is fitted with a metal stage plate.

TECHNICAL SPECIFICATION

Travel:	165mm horizontal, 120mm vertical
Vernier:	0.01mm divisions
Microscope with draw tube:	50mm objective x7 Ramsden eyepiece and crossline graticule
Focusing:	Friction, rack and pinion
Weight:	10Kg approx.

ACCESSORIES

The following accessories are available for use with Vernier Microscope 2158:

2167	Illuminated base	2187-91	Various objectives (Enquire for working distances and magnifications)
2175	Goniometer eyepiece	2194-95	Telescope objectives
2176	Inclined eyepiece 45°	2196	Fine focusing attachment
2178	Crossline graticule 21mm dia.	2198	Vertical illuminator
2179	Crossline graticule 21mm dia. 10mm divided into 100 divisions (horizontal)	2199	Micrometer head
2180	As 2179 but Vertical Reading	2336	Replacement bulb for 2198
		2337	Transformer for 2198 Polished wooden case.

For details see Accessories sheet available on request, please contact the sales office.

- High degree of accuracy
- Works in 3 axis
- Levelling footscrews
- Digital readout available on request



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