

Vernier Microscopes

Precision optical instruments designed for detailed observation and accurate measurements in scientific laboratories.

S.N	Product	Cat. No	Description / Specification	
1	<i>Vernier microscopes six position Vernier Microscopes</i>	148	For use in six positions. The base is iron casted, machined and nicely painted. The scale and vernier is of stainless steel. Microscope with rack and pinion is mounted in a travelling carriage sliding along its surface and can be clamped at any position. Fine adjustment is provided by a fine pitch screw. The stage is fitted with perspex or ground glass plate. The microscope consists of a Ramsden eye piece, cross wire and an achromatic objective. The slide travel 150 mm with vernier attached reading 0.01 mm. The unit is packed in wooden polished case.	
2	<i>Travelling microscopes horizontal and vertical</i>	151	Horizontal and vertical scales of stainless steel. The cast iron base is fitted with levelling screws with the top machined over which slides a metal carriage. The slide can be clamped at any position by means of clamping screw. Fine adjustment for final reading is with a micrometer screw. A vertical slide operating in a similar way is fitted on the horizontal carriage. The microscope with rack and pinion is fitted on this vertical carriage and can be clamped in a vertical or horizontal position. The stage for placing objects for measurement is fitted with a perspex or ground glass plate. Achromatic lenses have been used.	
3	<i>Advanced travelling microscopes with transverse movements</i>	152	Horizontal & vertical scales stainless steel. The heavy casted base is fitted with levelling screws with the top machined over which slides a metal carriage. The slide can be clamped at any position by means of clamping screw. Fine adjustment for final reading is with a micrometer screw. A vertical slide operating in a similar way is fitted on the horizontal carriage. The microscope with rack and pinion is fitted on this vertical carriage and can be clamped in a vertical or horizontal position. Special arrangement is provided for the transverse movement of the microscope. The movement can be measured with the help of scale and vernier. The stage for placing objects for measurement is fitted with a perspex or ground glass plate. Highest quality achromatic lenses have been used in the microscope. The slides travel 165 mm horizontally and 140 mm vertically. Scales are divided on high class dividing engines and guaranteed accurate. Vernier reading 0.01 mm. The unit is packed in wooden polished case with lock & key.	