

Product Name :
Travelling Microscope for Physics Electric Labs

Product Code :
BSC-TR-30



Description :

Travelling Microscope - Wide Aperture Optics. Accurate and precise arrangement.

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Accurate and precise arrangement.

Traveling Microscope is extensively used in Research, Colleges, Schools and Industrial laboratories for accurate measurement of the diameters of different objects. Two slow motion knobs are provided for taking accurate readings. For placing objects on horizontal stage, milky cenolite sheet is provided on the base. The position of the Microscope can be varied coarsely by sliding along the rails, or finely by turning a screw. The microscope is focused by rack and pinion and has achromatic objective of 50mm focal length and eye piece with cross line graticule. Purpose of the microscope is to aim at reference marks with much higher accuracy compared to bare eyes .It is used in labs to measure refractive index of liquids using the geometrical concepts of Ray Optics. It is also used for more accurate determination of small variation in the liquid levels, the refractive index of liquids as well as in surface tension & diameter of capillary tubes with precision

Wide Aperture Optics

Accurate and precise arrangement

Magnifying lens for reading

Rack and pinion arrangement focusing

Learning material CD

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