



Research Microscope

RYS PR 5

Polarizing

- Usage: Used by geologists to observe optical properties of minerals
- Features: has indispensable applications for petrography, crystallography, geology, mineralogy, ceramics, toxicology, chemical microscopy or detecting defects in semi-conductors, finding stress points in metals, Glass & textiles etc.
- Viewing Head: Monocular or Binocular or Trinocular
- Stage: Centrable compact ball bearing 360 degree Rotating, 10 increment, 140mm dia., graduation with vernier, lock & stage specimen clips
- Nosepiece: Ball Bearing Quadruple with positive click stops
- Focusing: By vertical movement of stage, coarse adjustment by rack- pinion knobs and fine movement by Screw-lever mechanism driven by graduated knobs
- Intermediate Tube: Built-in focusable pre-centered Bertrand Lens with aperture diaphragm Built-in analyzer removable from optical part
- Analyzer can be rotated 90 degree with vernier reading to 6'
- Compensator: 1 Gypsum Full wave & 1/4 Wave Mica plates to be inserted as req.
- Objectives: Stress less flat field achromatic Objectives 4x, 10x & 40x (SL)
- Eyepieces: WF10x (Paired)
- Polarizer: 360 deg. rotatable on a strain free N.A 1.25 abbe condenser with iris diaphragm
- Optional Accessories: Objectives 20x & 60X, USB camera, Image Analysis software, Wooden storing cabinet etc