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Series Polarising Microscope

Product Image



Description

Body:

45 degrees inclined Monocular/Binocular/Trinocular head rotatable through 360 degrees. Quadruple nose piece with accurate centering and positive click stops, revolves on high grade steel balls & dust proof carrier to ensure smooth rotation & maintain parfocality.

Stage:

Circular stage rotatable at 360 degree, 130mm in diameter ,graduated with vernier reading up to 0.1 degree with provision for centering by two knobs located just below the circular stage

Focussing:

Co-axial coarse and fine focussing for easy manipulation based on four stage reduction gear system & travelling on ball bearing guide ways with virtually no wear, tear and free from backlash. Tension adjustment ring on one side.

- Illumination:** Koehler Illuminator with pre-centered 6V/20W Tungsten Halogen Source with intensity control operating on 220/110 Volts
- Condenser:** Two lens Abbe condenser N.A. 1.25 with filter support, movable by rack & pinion arrangement.
- Eyepieces:** Wide Field 10X, Huygenian 5X with cross and Huygenian 10X Micro.
- Objectives:** P4X, P10X and P40X SL.
- Analyzer:** Rotatable analyzer with graduation 0°-90°.
- Bertrand Lens:** Bertrand lens, sliding in/out of optical path.
- Optical Compensator:**
 λ Slip (first class red)
 $1/4\lambda$ Slip
 Quartz Wedge
- Polarizer:** 0°-90° rotatable located on the top of collector.
- Condenser:** Two lens Abbe condenser N.A. 1.25 with iris diaphragm and filter support, movable by rack & pinion arrangement.

Model	Catalog No.
Series Polarising Microscope with Monocular Head	JM007001
Series Polarising Microscope with Binocular Head	JM007002
Series Polarising Microscope with Trinocular Head	JM007003

Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.