



POL Series

Simple Polarize Microscope



LABORATORY

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Simple Polarized microscope

Description

The model POL simple polarize microscope is utilizing polarize light to observe and research the polarize characteristic of the matter which have the double refraction. It can be used to medical inspection such as the frame detail of the nerve fibre, the animal muscle, the plant fibre and the crystal of the tooth, bone, hair and alive cell. It can be observe the fine frame of the a biochemistry salt crystal, but the fine frame can't be observe for nature light.



Lighting

*12V 20W Halogen lighting
Set of filters for polarized light Analyzer - Polarizer*



Rotatable table

Rotating specular table Ø 120mm that can be rotated in both directions at 360°, graduated with glass clips.

Specifications

Head: Anti-fungus Binocular Head inclination 30° rotating 360° with adjustable diopter compensation (+-5) and interpupillary distance (Range 51-75).

Objectives: Achromatic 4x/0.10 – 10x/0.25 – 40x/0.65 – 100x/1.25OIL

Eyepiece: WF 10/18mm

Nosepiece: Four Holes with precise click-stop (the nosepiece revolver is inclined in order to facilitate the introduction of the glass slide)

Condenser: Abbe Condenser N.A: 1.25 with adjustable iris diaphragm auxiliary centering adjustable - filter holer for 32mm filter (included Blu filter)

Stage: Graduated right drum circular centering rotatable stage 360°

Illumination: with 6V20W halogen lamp, adjustable brightness.

Focusing: Coaxial coarse/fine focus system, with tension adjustable and limit stopper the minimum readings is 0.002mm.

Filter: Analyzer Filter / Polarizer filter

Accessory: Included the Dust cover – Plastic case box – English manual

Model	Description
POL1M	Monocular Simple polarizer - Halogen light
POL1B	Binocular Simple polarizer - Halogen light
POL1T	Trinocular Simple polarizer - Halogen light