

85.015

Polarization microscope

HIGHLIGHTS

- Polarization microscope
- For professional and universities
- Trinocular model
- 30 W halogen reflected and transmitted illuminations
- Ergonomical carrying grip

SPECIFICATIONS

EYEPIECES

- Wide field WF 10x/22 mm
- Micrometer eyepiece WF10/22 mm, 0.1 mm/div

HEAD

Trinocular with 30° inclined tubes with 0-100% split.
With standard 23.2 mm trino bus

EPISCOPIC REFLECTED ILLUMINATION ATTACHMENT

- 30 W 6 V adjustable halogen illumination. Rotatable 360° polarisator and analyzer.
- Field and aperture diaphragm. Bertrand lens. $\frac{1}{4}$ lambda, lambda and quartz wedge compensator

NOSEPIECE

- Revolving quadruple reversed nosepiece on ball-bearings
- Quintuple reversed nosepiece optional available

OBJECTIVES

- Infinity color corrected stain-free achromatic Plan 5x/0.12, 10x/0.25, S40x/0.60, S60x/0.70 objectives
- Optional infinity color corrected stain-free achromatic Plan 20/0.40, 80x/0.80, S100x/0.85

All optical parts are anti-fungus treated

STAGE

- 360° rotatable 150 mm round stage, 360° graduated in 1° increment
- Stage with 2 object clamps
- Mechanical stage for 76 x 26 mm

CONDENSER

In height adjustable N.A. 1.25 Abbe condenser with iris diaphragm

FOCUSING ADJUSTMENT

Coaxial coarse/fine adjustments, 2 μ m precision. Tension adjustment



DIASCOPIIC ILLUMINATION

(see photo below)

- Adjustable 30 W 6 V halogen transmitted illumination
- 85-240 V mains.
- 360° rotatable polarizer with graduation on 0°, 90°, 180° and 270°



ACCESSORIES & SPARE PARTS

- PM.6010** Wide field WF 10x/18 mm eyepiece
- PM.6015** Wide field WF 15x/12 mm eyepiece
- PM.6110** Wide field WF 10x/18 mm eyepiece with micrometer
- PM.6099** Pair of eyeshades
- PM.7004** Achromatic Plan 5x/0.12 objective, working distance 26.1 mm
- PM.7010** Achromatic Plan 10x/0.25 objective, working distance 20.2 mm
- PM.7020** Achromatic Plan 20x/0.40 objective, working distance 8.8 mm
- PM.7050** Achromatic Plan S40x/0.60 objective, working distance 3.98 mm
- PM.7050** Achromatic Plan S50x/0.70 objective, working distance 3.68 mm
- PM.7060** Achromatic Plan S60x/0.70 objective, working distance 3.18 mm
- PM.7080** Achromatic Plan S80x/0.80 objective, working distance 1.25 mm
- PM.7000** Achromatic Plan S100x/0.85 objective, working distance 0.4 mm
- PM.9500** Attachable mechanical 30 x 25 mm X-Y stage
- EC.9710** Frosted filter
- PB.5245** Lens cleaning paper, 100 sheets
- PB.5255** Immersion oil $n = 1.482$, 25 ml