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**B-510POL-I Trinocular Polarizing  
Microscope with Transmitted & Incident  
Illumination**

Order code: **0501.B510POLI**



Cena bez DPH

6.110,00 Eur

Price with VAT

7.393,10 Eur

Parameters

Microscopes types

Laboratory

Serie

B-510

Number of eyepieces

Trinocular

Number of lenses

4

Zoom of lenses

5x, 10x, 20x, 50x

Illumination

LED

Quantitative unit

ks

**Observation:** Methods Brightfield, Transmitted polarization, Incident polarization

**Head:** Trinocular, 30° inclined, rotatable 360°, ±5 dioptic adjustment on left eyepiece, interpupillary adjustment 50 – 75 mm, Fixed photo port, 50/50 ratio

**Eyepieces:** Plan wide field, PL 10x/22, high eyepoint. One of the eyepieces has a cross-hair reticle for optical centering

**Nosepiece:** Quintuple revolving nosepiece, rotation on ball bearings. Centering system for each objective.

**Objectives:** IOS LWD W-PLAN POL 5x, 10x, 20x, 50x

**Stage:** Rotatable stage with locking mechanism and centering knobs. Vernier scale with accuracy 0.1 mm. Diameter 145 mm. Specimen slide clamps.

**Condenser:** Swing-out type condenser, sliding-in, N.A. 0.2/0.9, with centering system. With rotating polarizer filter.

**Bertrand Lens:** Swing-out type with centering mechanism for observation in conoscopy/orthoscopy. Rotatable analyzer from 0° to 90° with graduated scale. Tint plates included:

- 1° order red ( $\lambda$ )
- $\lambda/4$
- Quartz wedge

**Focusing:** Coaxial coarse and fine focusing mechanism (graduated, 0.002 mm) with upper stop. Adjustable tension of coarse focusing knob.

**Transmitted Illumination & Diaphragms:** High-efficiency X-LED3 (3.6 W), manual brightness control. Köhler illumination system with field diaphragm

**Incident Illumination & Diaphragms:** High-efficiency white X-LED8 (8 W), manual brightness control. Köhler illumination system with field and aperture diaphragms, both centrable