



HELAGO-CZ, s.r.o.  
Commercial Register maintained by the Regional  
Court in Hradec Králové  
Section C, File 17879  
Kladská 1082  
500 03 Hradec Králové 3  
Company ID: 25 96 39 61, VAT: CZ 25963961  
Phone: 495 220 229, 495 220 394  
Fax: 495 220 154  
GSM gate: 602 123 096  
E-mail: [info@helago-cz.cz](mailto:info@helago-cz.cz)  
Web: <http://www.helago-cz.cz>

**B-510METR Trinocular Metallurgical  
Microscope with Transmitted & Incident  
Illumination**

Order code: **0501.B510METR**

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Cena bez DPH

5.530,00 Eur

Price with VAT

6.691,30 Eur

Parameters

Microscopes types

Laboratory

Serie

B-510

Number of eyepieces

Trinocular

Number of lenses

4

Zoom of lenses

4x, 10x, 20x, 50x

Illumination	LED
Quantitative unit	ks

**Observation Methods:** Brightfield, Simple Polarization, Oblique Illumination (incident light).

**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

**Nosepiece:** Quintuple revolving nosepiece, rotation on ball bearings

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

**Stage:** Double layer with mechanical sliding stage, size 233 x 147 mm, X-Y movement range 78 x 54 mm. Belt-drive in X direction. Vernier scale on two axes, accuracy 0.1 mm. Glass layer for sample holding.

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

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

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

**Incident Illumination:** High-efficiency X-LED8 (8 W, comparable to a 100 W halogen bulb), manual brightness control. Köhler illumination system with field and aperture diaphragms, both centrable. Oblique illumination system for relief contrast.