

LAB Series

Professional entry-level stereomicroscopes



LAB Series

The LAB series can be considered as the entry-level of the OPTIKA professional stereomicroscopes range. The two models have been designed for end users who need professional quality at low cost.

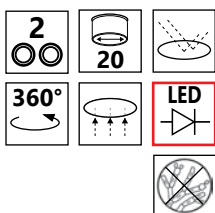
LAB-10

Stereomicroscope 20x-40x, LED incident & transmitted illumination.

LAB-20

Stereozoom microscope 7x...45x, LED incident & transmitted illumination.

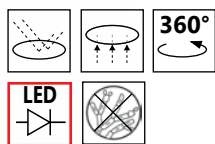
LAB-10



LAB Series



LAB-20



Heads

Binocular heads, 360° rotating and 45° inclined.

Interpupillary distance

Adjustable between 51 and 75 mm.

Eyepieces

WF10x/20 mm.

LAB-10: Dioptric compensation adjustable on left eyepiece tubes.

LAB-20: Dioptric compensation adjustable on both eyepiece tubes.

Specimen stage

Fitted with a semi-transparent disc for transmitted light with specimen clips.

Objectives

LAB-10: with double magnification (2x-4x) that can be selected by rotating the lens unit. Working distance 80mm.

LAB-20: continuous zoom 0,7x ...4,5x. (6,43:1 zoom factor).

Working distance: 85 mm.

Stand

Fixed arm type with focusing mechanism.

Focusing

Rack and pinion controlled by a pair of knobs placed on both sides of the stand.

Illumination

Double adjustable illuminator for incident and transmitted light fitted with two high-efficiency LED light sources. The angle of the incident illuminator is adjustable. Voltage: 110/240V ac.

LAB Series - Technical specifications

Model	Head	Eyepiece	Objectives	Working Distance	Stand	Illuminator
LAB-10	Binocular	WF 10x/20mm	2x - 4x selectable by rotating	80 mm	Pillar stand with fixed holder	Double incident and transmitted light. High-efficiency LED light sources with separate brightness controls
LAB-20	Binocular	WF 10x/20mm	0,7x....4,5x zoom	85 mm	Pillar stand with fixed holder	Double incident and transmitted light. High-efficiency LED light sources with separate brightness controls

LAB Series - Accessories

LAB

ST-001.1	Eyepieces (pair) WF5x/22mm (for LAB series only).
ST-401	Eyepieces (pair) WF10x/20 mm.
ST-402	Eyepieces (pair) WF15x/15 mm.
ST-403	Eyepieces (pair) WF20x/10 mm.
ST-405	Eyepiece micrometer WF10x/20mm.
ST-085	Additional lens 0,5x (w.d. 165mm).
ST-086	Additional lens 1,5x (w.d. 47mm).
ST-415	Eyecups (pair).
ST-029	Dust cover type 12.
ST-092	Protective glass for stereohead.
ST-417	Round plastic stage for LAB 10 and LAB 20.
M-114	CCD camera adapter 0,45x.
M-116	CCD camera adapter 0,50x.
M-173	Photo adapter for APS-C and Full Frame Reflex cameras.
M-113.1	Ring adapter, 30mm (for monocular and binocular microscopes).

15104 - Lens cleaner, 50ml

It cleans glass quickly and effectively, without leaving residue or odor. Ideal for precision lens or prism cleaning.



How to connect the cameras to our microscopes.

Please refer to the Adapter reference list on Digital section.



LAB-10



LAB-20

Headquarters and Manufacturing Facilities

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