

LAB Series

Stereomicroscopes for teachers



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.

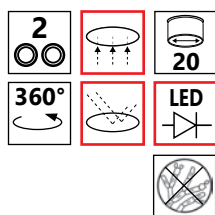
LAB-10

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

LAB-20

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

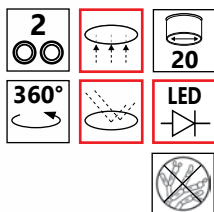
LAB-10



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: Dioptic compensation adjustable on left eyepiece tubes.

LAB-20: Dioptic 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.

15104 - Lens cleaner, 50ml

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



LAB-10



LAB-20



Headquarters and Manufacturing Facilities

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