

# BioBlue.lab

**Brand:** Euromex

**Product Code:** AC003EM

**Availability:** 2 - 3 Days

**Call for Price:** +2 01000 6546



## Short Description

The BlueLine flagship BioBlue.Lab is an instrument that precisely matches highest expectations of microscopy users.

## Description

The **BlueLine** flagship **BioBlue.Lab** is an instrument that precisely matches highest expectations of microscopy users. These ergonomic easy-to-use microscopes have specifically been designed for educational and laboratory applications. The 150 x 140 mm stage with integrated rackless X-Y mechanical stage with 75 x 30 mm travel, provides a smooth translation of the specimen and highly precise positioning which is highly appreciated in most demanding cytology and histopathology applications

The BioBlue.Lab microscope models offer great functionality and are equipped with WF10x/20 mm eyepieces, plan and IOS plan 4x/ 10x/ S40x/ S100x objectives or plan phase and IOS plan phase contrast objectives 10x / 20x / S40x / S100x. All models are equipped with NeoLED illumination system and are available in binocular and trinocular versions



*Icons are used to indicate the several functions of a microscope.*

[Click](#) and find more details about the meaning of each icon

## Models

### BioBlue.lab

MODEL	Binocular	Trinocular	4x/10x/S	4x/10x/S	10x/20x/	10x/20x/	Rackless	NeoLED
S	r		40x/S100	40x/S100	S40x/S10	S40x/S10	mechanic	
			x plan objx plan	0x plan	0x plan	al stage		
			ectives	IOS obje	phase obj	phase		
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## Specifications

### EYEPIECES

Wide field WF 10x/20 mm eyepieces

### HEAD

Binocular and trinocular models have 30° inclined Ø 30 mm tubes. The interpupillary distance is adjustable between 48 to 75 mm. All models have a  $\pm 5$  diopter adjustment on left tube. All heads are 360° rotatable and secured with a screw. The trinocular head has a fixed light path beamsplitter (50:50) and generates an erect image

### NOSEPIECE

Reversed quadruple nosepiece on ball bearings

### OBJECTIVES

BioBlue.Lab microscopes are equipped with plan, plan IOS, plan phase and plan phase IOS objectives. Optional 20x/0.40 and S60x/0.85 objectives are also available. The S40x, S60x and S100x objectives are spring loaded.

*All optics are anti-fungus treated and anti-reflection coated for maximum light throughput*

### FOCUSING

Coaxial coarse and fine adjustments with 200 graduations. Precision 1.5  $\mu$ m per graduation, 0.3 mm per rotation. Total travel approximately 28 mm. Supplied with an adjustable rack stop to prevent damage to sample and objectives. The coarse adjustments are equipped with friction control

### STAGE

Rackless 150 x 140 mm stage with mechanical 75 x 30 mm X-Y translation stage



## **CONDENSER**

- Height adjustable Abbe condenser N.A. 1.25 with iris diaphragm and filter holder. Supplied with white filter.

- Height adjustable Zernike N.A. 1.25 phase contrast condenser with filter holder. The condenser additionally includes a BF position for brightfield microscopy. Supplied with green filter.

## **ILLUMINATION**

Binocular and trinocular models are supplied with an adjustable 3 W NeoLED™ illumination system for increased light output. Power supply with integrated 100-240 Vac

## **WEIGHT**

The BioBlue.Lab weight is appr. 5.5 kg

## **PACKAGING**

Supplied with power cord, dust cover, a spare fuse, user manual, 5 ml immersion oil and white filter. All packed in a polystyrene box

## **Product Gallery**

