

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

BB.1153

PLPHi

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 ±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 µm 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

