

BioBlue.Lab

HIGHLIGHTS

- WF 10x/20 mm eyepieces
- Binocular and trinocular models
- Reversed quadruple nosepiece
- Plan and plan IOS objectives
- Finity and infinity optical system
- Integrated mechanical stage
- NeoLED™ illumination
- Ergonomic carrying grip
- 10 years warranty

BlueLine
DUTCH QUALITY



● EBB-1152-PLi

EBB-1152-PLi

377 (h) x 205 (w) x 260 mm (d) | 5.4 kg

EBB-1153-PLi

448 (h) x 205 (w) x 260 mm (d) | 5.6 kg

TECHNICAL 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. Slot for analyzer (EBB-9602)

OBJECTIVES - 45 MM PARFOCAL

- BioBlue.Lab microscopes are equipped with plan and plan 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 phase contrast kit with PLPHi IOS objectives and rotating phase contrast disc with four annuli, centering telescope and 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

ANTI-THEFT SLOT

At the back of the microscope a Kensington Security Slot is placed, which can be used to secure the instrument from theft

PACKAGING

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



APL (ANTIMICROBIAL PROTECTION LAYER)

APL is a revolutionary paint treatment applied to the most critical parts of our products.

A microscope with APL will restrict the growth of micro-organisms, including bacteria and mold

MODELS	Binocular	Trinocular	4x/10x/540x/5100x plan objectives	4x/10x/540x/5100x plan IOS objectives	10x/20x/540x/5100x plan phase IOS objectives	Rackless mechanical stage	NeoLED
EBB-1152-PL	•		•			•	•
EBB-1153-PL		•	•			•	•
EBB-1152-PLi	•			•		•	•
EBB-1153-PLi		•		•		•	•
EBB-1152-PLPHi	•				•	•	•
EBB-1153-PLPHi		•			•	•	•



● EBB-1153-PLi

● EBB-1153-PLPHi

ACCESSORIES AND SPARE PARTS

EYEPIECES

- EBB-6010** Wide field eyepiece WF10x/20 mm, Ø 30mm tube
- EBB-6015** Wide field eyepiece WF15x/15 mm, Ø 30mm tube
- EBB-6020** Wide field eyepiece WF20x/11 mm, Ø 30mm tube
- EBB-6110** Wide field micrometer eyepiece WF10x/22 mm with focusable lens, Ø 30mm tube
- EBB-6099** Pair of eyecups

OBJECTIVES - 45 MM PARFOCAL

- EBB-8804** Plan 4x/0.10 objective
- EBB-8810** Plan 10x/0.25 objective
- EBB-8820** Plan 20x/0.40 objective
- EBB-8840** Plan S40x/0.65 objective
- EBB-8860** Plan S60x/0.80 objective
- EBB-8800** Plan S100x/1.25 oil immersion objective

- EBB-7204** Plan infinity corrected 4x/0.10 IOS objective
- EBB-7210** Plan infinity corrected 10x/0.25 IOS objective
- EBB-7220** Plan infinity corrected 20x/0.50 IOS objective
- EBB-7240** Plan infinity corrected S40x/0.65 IOS objective
- EBB-7260** Plan infinity corrected S60x/0.80 IOS objective
- EBB-7200** Plan infinity corrected S100x/1.25 oil immersion IOS objective

MISCELLANEOUS

- EBB-9602** Analyzer in slider, Ø 25 mm. Fits in nosepiece
- EBB-9707** White filter Ø 32 mm. Fits in filter holder
- EBB-9732** Polarization filter Ø 32 mm. Fits in filter holder
- EBB-9880** Köhler attachment
- EBB-9900** Aluminum transportation case
- EAE-9919** Nylon microscope bag (58 x 32 x 24 cm)
- EAE-9916** Euromex dust cover extra large (50 x 68 cm)
- EBB-9993** 1 W NeoLED™ replacement unit
- EAE-5227** Glass fuses 1 A 250 V, 10 pieces

CAMERA ACCESSORIES

- EAE-5130** Universal Ø 23.2 mm tube adapter with built-in 2x lens for SLR photo camera with APS-C sensor. Needs T2 adapter
- EAE-5025** T2 ring for Nikon D SLR digital camera
- EAE-5040** T2 ring for Canon EOS SLR digital camera

DISPOSABLES

- EPB-5155** Microscope slides 76 x 26 mm, ground edges, 50 pieces
- EPB-5157-W** Microscope slides 76 x 26 mm with white frosted side, ground edges, 50 pieces
- EPB-5157-B** Microscope slides 76 x 26 mm, ground edges. Blue frosted side, 50 pieces per pack
- EPB-5160** Microscope slides 76 x 26 mm with cavity, grinded edges. 10 pieces per pack
- EPB-5168** Cover glasses 22 x 22 mm, 0.13-0.17 mm, 100 pieces
- EPB-5165** Cover glasses 18 x 18 mm, 0.13-0.17 mm, 100 pieces
- EPB-5255** Immersion oil, 25 ml. Refraction index n = 1.515
- EPB-5274** Iso propyl alcohol 99%, 200 ml
- EPB-5245** Lens cleaning paper, 100 sheets per pack
- EPB-5275** Cleaning kit: lens fluid, lint free lens tissue/paper, brush, air blower, cotton swabs
- EPB-5276** Microscope maintenance and servicing kit, 16pcs: cleaning brush, 6 pcs screwdriver set, air blower, 3 pcs Allen key, 1.5, 2, 2.5 mm, lens cleaning fluid 20 ml, cleaning cloth 140 x 140 mm, 100 pcs Lens tissue sheets, tube of maintenance grease, 10 ml bottle of oil, packed in a nice toolbox