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



● *EBB-1152-PLi*

TECHNICAL SPECIFICATIONS

EYEPIECES

Wide field WF 10x/20 mm eyepieces

HEAD

- All 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 feature a special 360° rotation mechanism, allowing smooth rotation without loosening or tightening the head retaining 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

- All 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

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

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

ILLUMINATION

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

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, for on lamp house
- All packed in a polystyrene box

MODELS	Bino	Trino	4x/10x/S40x/S100x plan objectives	4x/10x/S40x/S100x plan IOS objectives	10x/20x/S40x/S100x plan phase IOS objectives	Rackless mechanical stage	NeoLED
EBB-1152-PL	•		•			•	•
EBB-1153-PL		•	•			•	•
EBB-1152-PLi	•			•		•	•
EBB-1153-PLi		•		•		•	•

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



● *EBB-1153-PLi*

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/20 mm with focusable lens, Ø 30mm tube
EBB-6099 Pair of eyecups

OBJECTIVES

Plan PL, 45 mm parfocal

EBB-8804 4x/0.10 PL objective. WD 17.92 mm
EBB-8810 10x/0.25 PL objective. WD 2.04 mm
EBB-8820 20x/0.40 PL objective. WD 1.2 mm
EBB-8840 S40x/0.65 PL objective. WD 0.65 mm
EBB-8860 S60x/0.80 PL objective. WD 0.19 mm
EBB-8800 S100x/1.25 PL oil immersion objective. WD 0.18 mm

Plan infinity corrected PLi, IOS 45 mm parfocal

EBB-7204 4x/0.10 PLi objective. WD 7.18 mm
EBB-7210 10x/0.25 PLi objective. WD 4.8 mm
EBB-7220 20x/0.40 PLi objective. WD 5.27 mm
EBB-7240 S40x/0.65 PLi objective. WD 0.68 mm
EBB-7260 S60x/0.80 PLi objective. WD 0.50 mm
EBB-7200 S100x/1.25 PLi oil immersion objective. WD 0.20 mm

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 69 cm)
EBB-9993 3 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

*All technical specifications stated are nominal values and are provided for reference purposes only. No rights or claims may be derived from these values. Euromex Microscopen makes no warranty as to the exact accuracy or achievement of these values

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