

BioBlue



HIGHLIGHTS

- ✓ Microscopes for education
- ✓ Monocular, binocular and trinocular
- ✓ Semi-Plan objectives and a reversed quadruple nosepiece
- ✓ Integrated mechanical stage
- ✓ Digital and polarization models available
- ✓ Standard LED illumination and 20W halogen for polarization models
- ✓ Ergonomically carrying grip
- ✓ 10 years warranty



Binocular model
BB.4260

Monocular model
BB.4220

Specifications

Eyepiece(s)

DIN WF10x/18mm. The eyepieces of monocular models are equipped with pointer and are secured with Allen screw

Head

Monocular heads with 45° inclined tube and secured with Allen screw. Binocular and trinocular heads with 30° inclined tubes. Discussion head is also available.

The digital versions are equipped with a 1.3 Mpixel 1/3 inch CMOS Color USB2 camera @ 1280x 1024 pixels

Nosepiece

Revolving quadruple reversed nosepiece on ball-bearings

Polarization models equipped with swing-in analyzer

Objectives

Standard equipped with achromatic DIN semi-plan corrected 4x/0,13, 10x/0,25, S40x/0,65

Semi-plan achromatic corrected 20x, S60x and S100x/1.25 objectives also available

All optical parts are anti-fungus treated

Stage

Plain 120 mm x 120 mm stage with 2 object clamps or 130 mm x 130 mm stage with integrated mechanical stage. Round 129 mm stage with 2 object clamps for polarization models

Condenser

In height adjustable N.A.1,25 Abbe condenser

Focusing adjustment

Coaxial coarse and 200 µm fine adjustments, 2 µm precision

Friction adjustment

Illumination

1 W intensity adjustable NeoLED illumination with internal power supply /charger and 3 NiMH AA batteries

Polarization models come standard with halogen illumination. LED polarization versions on request

Software

ImageFocus capture & analysis software is supplied with each digital microscope model. The software is compatible with Windows XP, Vista and Windows 7 & 8, both 32 and 64 bits platforms

Models	Specifications								
	Mono	Bino	Trino	Digital head	Obj. S60x	Obj. S100x	Mechanical stage	LED	Polarisation
BB.4200	•							•	
BB.4220	•						•	•	
BB.4240	•				•		•	•	
BB.4250	•					•	•	•	
BB.4260		•				•	•	•	
BB.4243			•		•		•	•	
BB.4253			•			•	•	•	
BB.4205	•			•				•	
BB.4225	•			•			•	•	
BB.4245	•			•	•		•	•	
BB.4255	•			•		•	•	•	
BB.4267		•		•		•	•	•	
BB.4220-P	•								• (1)
BB.4240-P	•				•				• (1)
BB.4260-P		•				•			• (1)

(1) Polarisation models are standard available in 20W 12V halogen versions. LED versions on demand

Polarisation model
BB.4240-P



Trinocular
BB.4243



Digital model
BB.4255



Accessories & spare parts

- AE.5572 WF 10x/18 mm eyepiece
- AE.5573 HWF 15x/12 mm eyepiece
- AE.5581 HWF 10x/18 mm eyepiece with micrometer reticule
- AE.5582 HWF 20x/12 mm eyepiece

- BB.5511 Discussion head for BioBlue serie

- AE.5591 Achromatic Semi-Plan DIN 4x/0.13 objective
- AE.5593 Achromatic Semi-Plan DIN 10x/0.25 objective
- AE.5594 Achromatic Semi-Plan DIN 20x/0.40 objective
- AE.5597 Achromatic Semi-Plan DIN S40x/0.65 objective
- AE.5599 Achromatic Semi-Plan DIN S60x/0.85 objective
- AE.5601 Achromatic Semi-Plan DIN S100x/1.25 objective

- AE.5150 Simple polarization set. Polarizer mounted in eyepiece, analyser in filter holder
- AE.5153 Simple polarization set for models without mechanical stage. Analyzer mounted under head and 360° rotatable polarizer to be placed on stage

- AE.5155 Microscope glass slides 76 x 26 mm, edges grinded, 50 pcs
- AE.5168 Cover glasses 22 x 22 mm, thickness, 0.13-0.17, 100 pcs
- AE.5245 Lens cleaning paper, 100 sheets
- AE.5255 Immersion oil n = 1.482, 25 ml

- SL.5527 Spare fuses, packed 10 pcs
- SL.1379 Spare bulb halogen 12V 20W