

MicroBlue

HIGHLIGHTS

- ✓ Entry level microscopes for education
- ✓ Monocular and binocular models
- ✓ Nosepieces for 3 or 4 objectives
- ✓ 1W LED illumination
- ✓ Ergonomical carrying grip
- ✓ 5 years warranty

Specifications

Eyepiece(s)

Secured DIN WF 10x/18 mm eyepiece with pointer.
Eyepieces for binocular models without pointer

Head

Monocular and binocular head with 45° inclined tubes.
Binocular models with one diopter adjustment on left tube and an interpupillary distance of 48-75 mm

Nosepiece

Revolving nosepiece with 3 reversed objectives for monocular model MB.1001.
Revolving nosepiece with 4 reversed objectives for binocular models MB.1152 and MB.1652

Objective

All models are equipped with achromatic 35 mm parafoal 4x/0.10, 10x/0.25 and S40x/0.65 objectives.
The binocular model MB.1152 is supplied with an S100x-oil objective and the MB.1652 model with a S60x objective. A 20x/0.40 objective is also optional available. All optical parts are anti-fungus treated

Stage

Plain 105 x 105 mm stage with 2 object clamps except for the MB.1152 and MB.1652 binocular models which are supplied with an integrated 115 x 100 mm mechanical stage with 30 x 70 mm travel

Condenser

In height adjustable N.A. 1.25 Abbe condenser except model MB.1001 which is supplied with a fixed N.A. 0.65 condenser. Both condensers with built-in iris diaphragm

Focusing adjustment

Coaxial coarse and fine adjustments, 2 µm precision. Friction adjustment.
Rack-stop for protection of slides and objectives

Illumination

1 W intensity adjustable LED illumination with rechargeable batteries and external 100-240V mains adapter

Packaging

Supplied with dust cover and user manual. Models with 100x objectives are supplied with 5ml Immersion oil
Shipped with manual and dust cover in polystyrene box




MB.1001

MB.1152

Models	Mono	Bino	Maximum objectives	4/10/S40x objectives	S60x objective	S100x objective	Mechanical X-Y stage	1W LED	NeoLED
MB.1001	•		3	•				•	
MB.1652		•	4	•	•		•		•
MB.1152		•	4	•		•	•		•

Accessories & spare parts

MB.6010 Wide field WF 10x/18 mm eyepiece with pointer
 MB.6015 Wide field WF 15x/11 mm eyepiece
 MB.6020 Wide field WF 20x/9 mm eyepiece
 MB.6110 Wide field WF 10x/18 mm eyepiece with micrometer
 MB.6099 Pair of eyeshades

MB.7004 Achromatic 4x/0.10 objective, 35 mm parafoal
 MB.7010 Achromatic 10x/0.25 objective, 35 mm parafoal
 MB.7020 Achromatic 20x/0.40 objective, 35 mm parafoal
 MB.7040 Achromatic S40x/0.65 objective, 35 mm parafoal
 MB.7060 Achromatic S60x/0.85 objective, 35 mm parafoal
 MB.7000 Achromatic S100x/1.25 objective, 35 mm parafoal

MB.9710 Frosted filter

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



MB.1001



Datasheet v.431065m