

MicroBlue

HIGHLIGHTS

- Entry-level microscopes
- Monocular and binocular models
- Revolving reversed nosepiece
- Integrated X-Y mechanical stage
- LED and NeoLED™ illumination
- Cordless operation
- Ergonomic carrying grip
- 5 years warranty



MB.1001

TECHNICAL SPECIFICATIONS

EYEPIECE(S)

- Wide field WF 10x/18 mm secured eyepiece with pointer
- The eyepieces of the binocular models are supplied without pointer

HEAD

- Monocular models with 45° inclined tubes
- Binocular models have 45° inclined tubes, adjustable interpupillary distance between 55 and 75 mm and a 2° step adjustment on the tube
- All heads are 360° rotatable

NOSEPIECE

- Revolving nosepiece for 3 or 4 reversed objectives on ball bearings

OBJECTIVES

- Achromatic 4x/0.10, 10x/0.25 and S40x/0.65. Models with S60X or S100x oil immersion are also available
- The S40x, S60x and S100x oil immersion objectives are spring loaded
- All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

FOCUSING

- Coaxial coarse and fine adjustments, 200 graduations, 15 µm per graduation, 3 mm per rotation, total travel approximately 15 mm
- Supplied with an adjustable rack stop to prevent damage to sample and objectives
- The coarse adjustment are equipped with friction control

STAGE

- All models are supplied with 115 x 100 mm stage with integrated 55 x 20 mm X-Y mechanical stage, except for the basic model MB.1001 which is supplied with a 105 x 105 mm stage and two non-removable clamps

CONDENSER

- Height adjustable Abbe condenser N.A. 1.25 with iris diaphragm and filter holder, except for the MB.1001 model that is equipped with a single N.A. 0.65 condenser with built-in iris diaphragm

ILLUMINATION

- All monocular versions are supplied with an adjustable 1W LED illumination
- The binocular versions are supplied with a replaceable 1 W NeoLED™ illumination system for increased light output
- All models have internal rechargeable batteries with an external 100-240 V battery charger/mains adapter



PACKAGING

- Supplied with mains adapter-charger, dust cover, user manual and 5 ml immersion oil for models with an S100x objective. Supplied with a white filter.
- All packed in a polystyrene box

MODELS

	Monocular	Binocular	Maximum objectives	4/10/540x objectives	S60x objective	S100x objective	Mechanical X-Y stage	LED	NeoLED	Batteries
MB.1001	•		3	•				•		•
MB.1051	•		4	•			•	•		•
MB.1651	•		4	•	•		•	•		•
MB.1151	•		4	•		•	•	•		•
MB.1052		•	4	•			•		•	•
MB.1652		•	4	•	•		•		•	•
MB.1152		•	4	•		•	•		•	•



MB.1001



MB.1152

ACCESSORIES AND 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.6010-M Wide field WF 10x/18 mm eyepiece with micrometer

MB.6099 Pair of eyecups

MB.7004 Achromatic 4x/0.10 objective, 35 mm parfocal

MB.7010 Achromatic 10x/0.25 objective, 35 mm parfocal

MB.7020 Achromatic 20x/0.40 objective, 35 mm parfocal

MB.7040 Achromatic S40x/0.65 objective, 35 mm parfocal

MB.7060 Achromatic S60x/0.85 objective, 35 mm parfocal

MB.7000 Achromatic S100x/1.25 objective, 35 mm parfocal

MB.9710 Frosted filter

MB.9900 Aluminium transport case

MB.9975 External mains/charger adapter
100-240 Vac/5 Vdc (50/60 Hz)

MB.9981 1 W LED replacement unit

PB.5155 Microscope slides 76 x 26 mm, ground edges,
50 pieces

PB.5165 Cover glasses 18 x 18 mm, thickness 0.13-0.17 mm,
100 pieces

PB.5168 Cover glasses 22 x 22 mm, thickness 0.13-0.17 mm,
100 pieces

PB.5245 Lens cleaning paper, 100 sheets per pack

PB.5255 Immersion oil, n = 1.482 (25 ml)

PB.5274 Isopropyl alcohol 99% (200 ml)

PB.5275 Cleaning kit: lens cleaning fluid, lint free lens
tissue, brush, air blower, cotton swabs