

## MicroBlue

### HIGHLIGHTS

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

**BlueLine**  
MADE IN HOLLAND



MB.1001

MB.1152

### Specifications

#### Eyepiece(s)

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

#### Heads

Monocular and binocular heads, 360° rotatable with 45° inclined tubes  
Binocular models with one diopter adjustment on left tube and an interpupillary distance of 48-75 mm

#### Nosepieces

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

#### Objectives

All models are equipped with achromatic 35 mm parafocal 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 an S60x objective. A 20x/0.40 objective is also optional available. All optical parts are anti-fungus treated

#### Stages

Integrated 115 x 100 mm mechanical stage with 30 x 70 mm travel for binocular models MB.1152 and MB.1652. Plain 105 x 105 mm stage with 2 object clamps for model MB.1001

#### Condenser

Height-adjustable N.A. 1.25 Abbe condenser with built-in iris diaphragm for binocular models MB.1152 and MB.1652. Fixed N.A. 0.65 condenser with built-in iris diaphragm for model MB.1001

#### Focusing adjustment

Coaxial coarse and fine adjustment, 2 µm precision. With 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 in polystyrene box. Models with 100x objectives are supplied with 5ml immersion oil

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	•		•	•		•

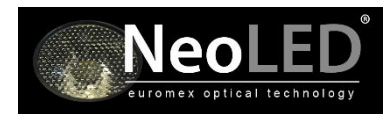
**Accessories & spare parts**

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 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

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.523046