euromex
microscopes holland

StereoBlue

HIGHLIGHTS

- **Designed for professional use**
- **Crisp, high resolution images**
- **Robust and sturdy**
- **Dual magnifications or Zoom models**
- **Available with ergonomic rack & pinion, pillar and universal stands**
- **LED illumination**
- **Ergonomic carrying grip**
- **5 years warranty**

TECHNICAL SPECIFICATIONS

EYEPIECES

Pair of WF10x/20 mm secured eyepieces supplied with eyecups

HEAD

- Binocular or trinocular 45° inclined tubes
- Diopter adjustment on both eyepieces, except the models SB.1302-P/1402-P and SB.1302 /1402 , which have diopter adjustment on one side
- Interpupillary distance adjustable between 55 mm and 75 mm
- Trinocular head is supplied with a fixed light path beamsplitter (50:50)

All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

DUAL MAGNIFICATION MODELS

- Nosepiece with dual 1x/3x or 2x/4x revolving objectives
- Magnifications 10x/30x or 20x/40x (can be enlarged to 135x)
- Field of view 20 mm/6.6 mm or 10 mm/5.0 mm
- Working distance 100 mm

ZOOM MODELS

- Stereo Zoom 0.7x to 4.5x parafocal objective
- Magnification from 7x to 45x
- Field of view 28.5 mm to 4.4 mm
- Working distance 100 mm

STANDS

- The rack & pinion and pillar stands of the StereoBlue are equipped with ergonomically designed flat bases, complete with two object clamps and Ø 60 mm transparent and black/white stage plate
- The coarse adjustment is equipped with tension control
- The ergonomically designed universal single arm stand is ideal for looking at large samples or working under the microscope
- The stands are alloy metal casted with hardened coating

● SB.1903

ILLUMINATION

- With 3 W transmitted and incident LED illuminators which can be used simultaneously or adjusted separately.
- SB.3903 and SB.3903-P models come with a built-in 30 LED ring light for reflexed illuminator and 3 W transmitted illuminator
- SB.1902-U and SB.1903-U are supplied without illumination. Suitable ring illuminators are LE.1973 and LE.1974

PACKAGE CONTENT

- Supplied with power cord, dust cover, eyecups, a spare fuse, Ø 60 mm transparent and black/ white stage plates and user manual
- All packed in a polystyrene box

A spare fuse, Ø 60 mm transparent and black/ white stage plates are not applicable for -U models

● *Built-in LED ring light SB.3903*

MAGNIFICATIONS

WORKING DISTANCES AND FIELD OF VIEW SPECIFICATIONS

EYEPIECES - 10X/20 MM

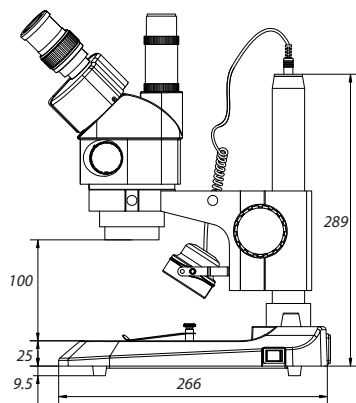| Magnification additional lens	Working distance	Minimum magnification	Maximum magnification	Maximum field of view	Minimum field of view
0,5	170,0	3,5	22,5	57,1	8,9
0,75	114,0	5,3	33,8	38,1	5,9
Standard	100,0	7,0	45,0	28,6	4,4
1,5	48,0	10,5	67,5	19,0	3,0

EYEPIECES - 15X/15 MM

Magnification additional lens	Working distance	Minimum magnification	Maximum magnification	Maximum field of view	Minimum field of view
0,5	170,0	5,3	33,8	42,9	6,7
0,75	114,0	7,9	50,6	28,6	4,4
Standard	100,0	10,5	67,5	21,4	3,3
1,5	48,0	15,8	101,3	14,3	2,2

EYEPIECES - 20X/10 MM

Magnification additional lens	Working distance	Minimum magnification	Maximum magnification	Maximum field of view	Minimum field of view
0,5	170,0	7,0	45,0	28,6	4,4
0,75	114,0	10,5	67,5	19,0	3,0
Standard	100,0	14,0	90,0	14,3	2,2
1,5	48,0	21,0	135,0	9,5	1,5

DIMENSIONS

MODELS	Binocular	Trinocular	1x/3x objective	2x/4x objective	0.7 - 4.5x zoom	Rack & pinion stand 3 W LED	Pillar stand 3 W LED	Universal stand	30 LED right light	Weight (kg)
SB.1302	•	•	•			•				3.3
SB.1302-P	•	•	•				•			4.2
SB.1402	•			•		•				3.3
SB.1402-P	•			•			•			4.2
SB.1902	•			•	•	•				3.6
SB.1902-P	•			•	•		•			4.4
SB.1902-U	•			•	•			•		15.4
SB.1903		•		•	•	•				3.7
SB.1903-P		•		•	•		•			4.5
SB.1903-U		•		•	•			•		15.5
SB.3903		•		•	•	•			•	3.7
SB.3903-P		•		•	•		•		•	4.5

● SB.1302

● SB.1902

● SB.1903-P

● SB.1902-U

● SB.1402-P

● SB.3903

ACCESSORIES AND SPARE PARTS

SB.6010   Pair of HWF 10x/20 mm eyepieces

SB.6010-C   WF 10X/20 mm eyepiece with cross-hair

SB.6010-M   WF 10X/20 mm eyepiece with micrometer scale

SB.6015   Pair of HWF 15x/15 mm eyepieces

SB.6015-C   WF 15X/15 mm eyepiece with cross-hair

SB.6015-M   WF 15X/15 mm eyepiece with micrometer scale

SB.6020   Pair of HWF 20x/10 mm eyepieces

SB.6020-C   WF 20/10 mm eyepiece with cross-hair

SB.6020-M   WF 20/10 mm eyepiece with micrometer scale

SB.6099   Pair of eyecups

SB.8903   Auxiliary 0,3x lens, only suitable for SB.1902-U and SB.1903-U models. WD 247mm

SB.8905   Auxiliary 0,5x lens, especially suitable for SB.1902-P, SB.1903- P, SB.1902-U and SB.1903-U models. With rack-and pinion models SB.1902 and SB.1903, the maximum object height is 2 cm. WD 170mm

SB.8907   Auxiliary 0.75x lens for zoom models WD 114 mm

SB.8915   Auxiliary 1.5x lens for zoom models WD 48 mm. Not suitable for SB.39xx models

SB.8950   Protection glass window for StereoBlue

SB.9032   Universal double-arm stand with table clamp without StereoBlue holder(SB.9090)

SB.9090   StereoBlue head holder

SB.9040   Darkfield attachment for StereoBlue, only for –S and –P models

SB.9520   Polarization kit for StereoBlue: 360° rotatable round stage with built-in polarization filter (SB.9524) + analyzer in mount to be screwed under the head (SB.9525)

SB.9524   360° rotatable round stage with built-in polarization filter

SB.9525   360° rotatable analyzer in mount to be screwed under the head of StereoBlue

SB.9570   Pair of object clamps for stage

SB.9850   C-mount adapter with 0.5x lens for 1/2" cameras. Only for trinocular models

SB.9952   Stage plate transparent, Ø 60 mm

SB.9956   Stage plate black/white, Ø 60 mm

AE.5130   Universal SLR camera adapter with 2x projection lens for 23.2 mm tubes. Need T2 adapter

AE.5025   T2 adapter for Nikon D digital SLR cameras

AE.5040   T2 adapter for Canon EOS digital SLR cameras

Other T2 adapters on request

AE.1112   Micrometer 76 x 26 mm slide, 50 mm/50 divisions

PB.5245   Lens cleaning paper, 100 sheets per pack

PB.5274   Isopropyl alcohol 99% (200 ml)

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

SB.9983   3 W LED replacement unit for StereoBlue, incident illumination

SB.9983-R 3 W LED replacement unit for StereoBlue, transmitted illumination