

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 parafoal 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

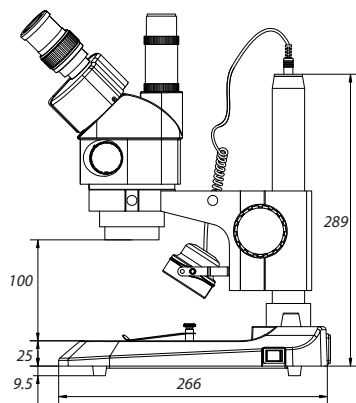
EYEPIECES - 15X/15 MM

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.9850	C-mount adapter with 0.5x lens for 1/2" cameras. Only for trinocular models
SB.6010-C	WF 10X/20 mm eyepiece with cross-hair	SB.9952	Stage plate transparent, Ø 60 mm
SB.6010-M	WF 10X/20 mm eyepiece with micrometer scale	SB.9956	Stage plate black/white, Ø 60 mm
SB.6015	Pair of HWF 15x/15 mm eyepieces		
SB.6015-C	WF 15X/15 mm eyepiece with cross-hair	AE.5130	Universal SLR camera adapter with 2x projection lens for 23.2 mm tubes. Need T2 adapter
SB.6015-M	WF 15X/15 mm eyepiece with micrometer scale	AE.5025	T2 adapter for Nikon D digital SLR cameras
SB.6020	Pair of HWF 20x/10 mm eyepieces	AE.5040	T2 adapter for Canon EOS digital SLR cameras
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		
			<i>Other T2 adapters on request</i>
SB.8903	Auxiliary 0,3x lens, only suitable for SB.1902-U and SB.1903-U models. WD 247mm	AE.1112	Micrometer 76 x 26 mm slide, 50 mm/50 divisions
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	PB.5245	Lens cleaning paper, 100 sheets per pack
SB.8907	Auxiliary 0.75x lens for zoom models WD 114 mm	PB.5274	Isopropyl alcohol 99% (200 ml)
SB.8915	Auxiliary 1.5x lens for zoom models WD 48 mm. Not suitable for SB.39xx models	PB.5275	Cleaning kit: lens cleaning fluid, lint free lens tissue, brush, air blower, cotton swabs
SB.8950	Protection glass window for StereoBlue	SB.9983	3 W LED replacement unit for StereoBlue, incident illumination
SB.9032	Universal two-arm stand with table clamp without StereoBlue holder(SB.9090)	SB.9983-R	3 W LED replacement unit for StereoBlue, transmitted illumination
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		