

# STEREO MICROSCOPES

## BOECO ZOOM STEREO MICROSCOPE MODEL BSZ-405

### Specification BSZ-405:

Optical system:	Binocular head inclined at 45° Interpupillary Distance 55 - 75 mm Eyepiece dioptic adjustment range $\pm$ 5D
Working distance:	97 mm
Field of View:	20,0 to 4.4 mm diam.
Eyepiece:	EWF 10X/20 mm eyepieces
Zoom Optics:	1X to 4,5X , Zoom ratio 1:4,5
Illumination:	2-way illumination LED 1,2W Reflected (upper) illumination LED 0,7W Transmitted (lower) illumination
Stage Plate:	Frosted glass stage plate 9 cm
Base:	Stable 262 x 185 mm base, fitted with anti-skid rubber feet Main Body 360° rotatable
Power:	100-240V, 50-60Hz
Dimensions:	185 (W) x 262 (L) x 315 (H) mm, Net weight 4,5/4,8 kgs

Code	Description	Head	Plug
BOE 4050.000	BSZ-405	Binocular	Euro
BOE 4050.001	BSZ-405	Binocular	US
BOE 4050.300	BSZ-405/T	Trinocular	Euro
BOE 4050.301	BSZ-405/T	Trinocular	US

### optional

Code	Description
BOE 3460.020	Wide Field Eyepiece WF 20x/12 with diopter adjustment
BOE 4050.002	Auxiliary Objective 2x, for BSZ-405 and BS-80
BOE 4050.007	Auxiliary Objective 0,75x, for BSZ-405 and BS-80



BSZ-405 TRINOCULAR WITH DIGITAL MICROSCOPE CAMERA B-CAM10



## BOECO ZOOM STEREO MICROSCOPE MODEL BST-606

### Specification BST-606:

Optical system:	Binocular head inclined at 45° Interpupillary distance 55 - 75 mm Eyepiece dioptic adjustment range $\pm$ 5D
Working distance:	115 mm
Field of View:	28,0 to 4.5 mm diam.
Eyepiece:	EWF 10X/22 mm eyepieces with eyeshadow
Zoom Optics:	0,8X to 5X, Zoom ratio 6,3:1
Illumination:	2-way illumination switch allows upper and lower illumination Transmitted (lower) LED light source Incident (upper) LED light source
Stage Plate:	100 mm $\varnothing$ frosted glass stage plate and black/white reversible stage plate
Base:	Stable 300x225 mm base, fitted with anti-skid rubber feet- Main Body 360° rotatable
Power:	100-240V, 50-60Hz
Dimensions:	300 (W) x 225 (L) x 300 (H) mm, Net weight 5,2/5,4 kgs

Code	Description	Head	Plug
BOE 6060.000	BST-606	Binocular	EURO
BOE 6060.001	BST-606	Binocular	US
BOE 6060.300	BST-606/T	Trinocular	Euro
BOE 6060.301	BST-606/T	Trinocular	US

### optional

BOE 3460.020	Wide Field Eyepiece WF 20x/12 w/ diopter adjustment
BOE 6060.002	Auxiliary Objective 2x, for BST-606
BOE 6060.005	Auxiliary Objective 0,5x, for BST-606



## BOECO STEREO MICROSCOPE MODEL BS-80



### Specification BS-80:

Optical system:	Binocular head inclined at 45° Interpupillary Distance 55 - 75 mm Eyepiece dioptic adjustment range $\pm 5D$
Working distance:	100 mm
Eyepiece:	WF10X/23 mm eyepieces
Stereo Optics:	Objectives 2x & 4X in revolving nosepiece
Illumination:	2-way LED transmission and reflecting illumination Upper Illuminator 1W, lower Illuminator 0,5W
Stage Plate:	Frosted glass stage plate and black/white reversible stage plate
Base:	Stable 262 x 185 mm base, fitted with anti-skid rubber feet
Dimensions:	262 (W) x 262 (L) x 315 (H) mm, net weight 4,8 kgs
Packing:	380 x 340 x 410 mm, Grossweight 6,40 kg

Code	Description
BOE 3800.000	BS-80, AC 110-240V, 50-60Hz, EURO Plug
BOE 3800.001	BS-80, AC 110-240V, 50-60Hz, US Plug
optional	
Code	Description
BOE 3460.020	Wide Field Eyepiece WF 20x/12 with diopter adjustment
BOE 4050.002	Auxiliary Objective 2x, for BS-80 and BSZ-405
BOE 4050.007	Auxiliary Objective 0,75x, for BS-80 and BSZ-405



B-CAM16



B-CAM10  
B-CAM3



B-CAM2

### Specifications:

Model:	B-CAM16	B-CAM10	B-CAM3	B-CAM2
Code	BOE 1900.16000	BOE 1900.10000	BOE 1900.03100	BOE 1900.02000
Camera	Color CMOS 16 MP	Color CMOS 10 MP	Color CMOS 3 MP	Color CMOS 2 MP
Application software	B-View on disk (12 cm)	B-View on disk (12 cm)	B-View on disk (12 cm)	B-View on disk (8 cm)
Lens adapter	0.50x manual focusable	0.50x manual focusable	0.50x manual focusable	N/A
Eye tube adapter ring	23.2 mm to 30.0mm	23.2 mm to 30.0mm	23.2 mm to 30.0mm	23.2 mm to 30.0mm
Calibration slide	1mm/100 Div.x 0,01mm	1mm/100 Div.x 0,01mm	1mm/100 Div.x 0,01mm	N/A
Spectral Range (IR filter)	380-650nm	380-650nm	380-650nm	380-650nm
Sensor Size (mm)	1/2.33"(6.18x4.67)	1/2.3"(5,98x4.58)	1/2"(6.55x4.92)	1/3.2" (4.48x3.36)
Pixel Size (µm)	1.335x1.335	1.67x1.67	3.2x3.2	2.8x2.8
FPS/Resolution	16@4632x3488 30@2320x1740 27@1536x1160	7.2@3584x2746 24.5@1792x1372	11.5@2048x1536 32@1024x768 45@680x510	5@1600x1200 7.5@1280x1024 20@800x600 22@640x480
USB Interface	USB 3.0 (USB 2.0)	USB 3.0 (USB 2.0)	USB 2.0 (USB 3.0)	USB 2.0 (USB 3.0)
Binning	1x1, 2x2, 3x3	1x1, 2x2, 4x4	1x1, 2x2, 3x3	N/A
Exposure Mode	ROI Auto & Manual input	ROI Auto & Manual input	ROI Auto & Manual input	Auto & Manual
Exposure Time	0.2~2000ms	0.1~2000ms	0.244~2000ms	0.122~250ms
White Balance	ROI White Balance/ Manual Temp Tint Adjustment			N/A
Color Rendering Tech:	Ultra FineTM Color Engine			N/A
Recording System	Still Picture and Movie			
Operating System	Microsoft® Windows® XP / Vista / 7 / 8 / 10 (32 & 64 bit), OSx (Mac OS X) Linux			
Capture/Control API	Native C/C++, C#, DirectShow, Twain and Labview			
PC Requirements:	CPU equal to Intel Core2 2.8GHz or higher, 2GB Ram Memory or more. USB 3.0 High speed port, 17" Display or larger			

**B-View is a professional application software integrated with camera control, image capture & process, image browse, image measurement and analysis**