

BS-3025 Zoom Stereo Microscope



BS-3025B1



BS-3025B2



BSZ-B1



BSZ-B2



BSZ-BL6

Introduction

BS-3025 series Stereo Microscopes is excellent stereo series microscopes cater for the demand of biological, medical, research, electronic industry for testing. These microscopes are very popular and cost effective. Optional eyepieces and auxiliary objectives can expand magnification range and working distances.

Feature

1. High-quality optical system

Fully coated optical system, sharp and clear images with extremely good flatness and contrast. The images are brighter and more distinct even at the periphery of the visual field.

2. Large magnification

Zoom objectives 0.70X-4.5X, zoom ratio 6.4:1. Optional auxiliary objectives and other eyepiece help you achieve best magnification.

3. Overlong effective working distance

Standard working distance is 100mm. With optional auxiliary objectives, the working distance is increased to 33mm-165mm., providing you a special maximum working space.

4. Structure design of ergonomics

Viewing head 45° inclined, each tube allows interpupillary distance and diopter adjustments to suit the user and ergonomic design.

5. Viewing head

High eyepoint, wide field eyepieces, with adjustable diopter (± 5) avoid the phenomenon of blurred edges of the field of view blurred and can help to find object fast, greatly improved comfortableness of observation.

Application

BS-3025 series microscopes are widely used in education, lab research, biology, metallurgy, engineering, chemistry, manufacturing and in the medical, forensic science and veterinary industries. The microscopes can be used for circuit board repair and inspection, semiconductor inspection, SMT work, electronics inspection, dissection, coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts.

Specification

BS-3025B1, BS-3025B2, BS-3025B3

Item	Specification	BS-3025B1	BS-3025B2	BS-3025B3
Viewing Head	45° inclined binocular head, 360° rotatable, interpupillary distance: 54-75mm, visual adjustment: ± 5 diopter. Zoom objective: 0.70-4.5X, working distance: 100mm	●	●	●
	45° inclined trinocular head, 360° rotatable, interpupillary distance: 54-75mm, visual adjustment: ± 5 diopter. Zoom objective: 0.70-4.5X, working distance: 100mm	○	○	○
Eyepiece	High eyepoint wide field eyepiece WF10X/20mm	●	●	●
	High eyepoint wide field eyepiece WF10X/20mm, with micrometer	○	○	○
	High eyepoint wide field eyepiece WF15X/15mm	○	○	○

	High eyepoint wide field eyepiece WF15X/15mm, with micrometer		○	○	○
	High eyepoint wide field eyepiece WF20X/10mm		○	○	○
	High eyepoint wide field eyepiece WF20X/10mm, with micrometer		○	○	○
Objective	Zoom objective	0.70X-4.5X	●	●	●
	Auxiliary objective	0.5X, WD=165mm	○	○	○
		0.75X, WD=105mm	○	○	○
		1.5X, WD=45mm	○	○	○
	2X, WD=33mm	○	○	○	
Zoom Ratio	6.4:1		●	●	●
Working Distance	100mm		●	●	●
Focus Holder	Focus holder BSZ-A1, tension adjustable, moving range 48.5mm, pillar hole size: Φ32mm, microscope mount size: Φ76mm, distance between the 2 holes: 155mm		●	●	
Stand	BSZ-B1 Pillar stand flat base, pole diameter Φ32mm, pole height 228mm. Base size: 200*255*22mm, Φ95 black & white plate, with clips. No illumination. Using with BSZ-A1		●		
	BSZ-B2 Pillar stand transmitted base, with halogen lamp 12V 15W as lower light source, brightness adjustable. Pole diameter Φ32mm, pole height 228mm. Base size: 200*255mm, Φ95 glass plate, with clips. Using with BSZ-A1			●	
	BSZ-BL6 Pillar stand transmitted base, pole diameter Φ32mm, pole height 228mm. Base size: 255*200mm, Φ95 glass plate, with clips. Incident and transmitted (1pcs LED lamp, 5W) LED illumination with separate control. Low voltage safety, low power consumption, and low heat generation.				●
Illumination	Epi-illuminator, 12V 15W, adapt to BSZ-A1		○	●	
Gem Clap	Gem clap		○	○	○
Adapter	0.35X C-mount adapter, adjustable focus		○	○	○
	0.5X C-mount adapter, adjustable focus		○	○	○
	0.65X C-mount adapter, adjustable focus		○	○	○
	1X C-mount adapter, adjustable focus		○	○	○
Measurement Stage	Precision measurement stage (0-25mm/150*150mm), with mechanical micrometer. Installation size 95mm		○	○	○
	Precision measurement stage (0-25mm/150*150mm), with digital micrometer. Installation size 95mm		○	○	○
Other	Dust proof mirror, Φ54mm, installation thread 48mm		○	○	○
	Ring lamp connector, Φ54mm, installation thread 48mm		○	○	○

Note: ● Standard Outfit, ○ Optional

BS-3025T1, BS-3025T2, BS-3025T3

Item	Specification	BS-3025T1	BS-3025T2	BS-3025T3
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Viewing Head	45° inclined binocular head, 360° rotatable, interpupillary distance: 54-75mm, visual adjustment: ±5 diopter. Zoom objective: 0.70-4.5X, working distance: 100mm		○	○	○
	45° inclined trinocular head, 360° rotatable, interpupillary distance: 54-75mm, visual adjustment: ±5 diopter. Zoom objective: 0.70-4.5X, working distance: 100mm		●	●	●
Eyepiece	High eyepoint wide field eyepiece WF10X/20mm		●	●	●
	High eyepoint wide field eyepiece WF10X/20mm, with micrometer		○	○	○
	High eyepoint wide field eyepiece WF15X/15mm		○	○	○
	High eyepoint wide field eyepiece WF15X/15mm, with micrometer		○	○	○
	High eyepoint wide field eyepiece WF20X/10mm		○	○	○
	High eyepoint wide field eyepiece WF20X/10mm, with micrometer		○	○	○
Objective	Zoom objective	0.70X-4.5X	●	●	●
	Auxiliary objective	0.5X, WD=165mm	○	○	○
		0.75X, WD=105mm	○	○	○
		1.5X, WD=45mm	○	○	○
		2X, WD=33mm	○	○	○
Zoom Ratio	6.4:1		●	●	●
Working Distance	100mm		●	●	●
Focus Holder	Focus holder BSZ-A1, tension adjustable, moving range 48.5mm, pillar hole size: Φ32mm, microscope mount size: Φ76mm, distance between the 2 holes: 155mm		●	●	
Stand	BSZ-B1 Pillar stand flat base, pole diameter Φ32mm, pole height 228mm. Base size: 200*255*22mm, Φ95 black & white plate, with clips. No illumination. Using with BSZ-A1		●		
	BSZ-B2 Pillar stand transmitted base, with halogen lamp 12V 15W as lower light source, brightness adjustable. Pole diameter Φ32mm, pole height 228mm. Base size: 200*255mm, Φ95 glass plate, with clips. Using with BSZ-A1			●	
	BSZ-BL6 Pillar stand transmitted base, pole diameter Φ32mm, pole height 228mm. Base size: 255*200mm, Φ95 glass plate, with clips. Incident and transmitted (1pcs LED lamp, 5W) LED illumination with separate control. Low voltage safety, low power consumption, and low heat generation.				●
Illumination	Epi-illuminator, 12V 15W, adapt to BSZ-A1		○	●	
Gem Clap	Gem clap		○	○	○
Adapter	0.35X C-mount adapter, adjustable focus		○	○	○
	0.5X C-mount adapter, adjustable focus		○	○	○
	0.65X C-mount adapter, adjustable focus		○	○	○
	1X C-mount adapter, adjustable focus		○	○	○

Measurement Stage	Precision measurement stage (0-25mm/150*150mm), with mechanical micrometer. Installation size 95mm	○	○	○
	Precision measurement stage (0-25mm/150*150mm), with digital micrometer. Installation size 95mm	○	○	○
Other	Dust proof mirror, Φ54mm, installation thread 48mm	○	○	○
	Ring lamp connector, Φ54mm, installation thread 48mm	○	○	○

Note: ● Standard Outfit, ○ Optional