

BS-3026 Zoom Stereo Microscope

BS-3026B2



BS-3026T2



BSZ-B4



BSZ-BL12

Introduction

BS-3026 series Stereo Zoom Microscopes offer sharp 3D images which are very clear throughout the zoom range. These microscopes are very popular and cost effective. Optional eyepieces and auxiliary objectives can expand magnification range and working distances. Cold light and ring light can be chosen for this microscope.

Feature**1. Larger magnification**

0.7X-4.5X zoom magnification power with sharp images, can be extended to 3.5x-180x with optional eyepiece and auxiliary objective.

2. Eyepieces

High eyepoint WF10×/20mm eyepiece.

3. Overlong effective working distance

Long working distance to create enough space for the users.

4. Structure design of ergonomics

Ergonomic design, sharp image, wide viewing field, high depth of field and easy to operate, less fatigue when long time use.

5. Wide application

Ideal instrument in education, medical and industrial field.

Application

BS-3026 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, SMT work, electronics inspection, dissection, coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts.

Specification

Item	Specification	BS-3026 B1	BS-3026 B2	BS-3026 T1	BS-3026 T2
Viewing Head	45° inclined binocular head, 360° rotatable, interpupillary distance: 54-76mm, visual adjustment: ±5 diopter. Zoom objective 0.7X-4.5X, working distance: 100mm	●	●		
	45° inclined trinocular head, 360° rotatable, interpupillary distance: 54-76mm, visual adjustment: ±5 diopter. Zoom objective 0.7X-4.5X, working distance: 100mm			●	●
	45° inclined binocular head with fixed eyepiece tube, 360° rotatable, interpupillary distance: 54-76mm. Zoom objective 0.7X-4.5X, working distance: 100mm	○	○		
	45° inclined trinocular head with fixed eyepiece tube, 360° rotatable, interpupillary distance: 54-76mm. Zoom objective 0.7X-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 WF10X/20mm, with adjustable diopter	○	○	○	○
	High eyepoint wide field eyepiece WF10X/20mm, with micrometer and adjustable diopter	○	○	○	○

	High eyepoint wide field eyepiece WF15X/15mm		○	○	○	○
	High eyepoint wide field eyepiece WF15X/15mm, with micrometer		○	○	○	○
	High eyepoint wide field eyepiece WF15X/15mm, with adjustable diopter		○	○	○	○
	High eyepoint wide field eyepiece WF15X/15mm, with micrometer and adjustable diopter		○	○	○	○
	High eyepoint wide field eyepiece WF20X/10mm		○	○	○	○
	High eyepoint wide field eyepiece WF20X/10mm, with micrometer		○	○	○	○
	High eyepoint wide field eyepiece WF20X/10mm, with adjustable diopter		○	○	○	○
	High eyepoint wide field eyepiece WF20X/10mm, with micrometer and adjustable diopter		○	○	○	○
Objective	Zoom objective	0.7×-4.5×	●	●	●	●
	Auxiliary objective	2×, W.D.: 30mm	○	○	○	○
		1.5×, W.D.: 45mm	○	○	○	○
		0.75×, W.D.: 105mm	○	○	○	○
		0.5×, W.D.: 165mm	○	○	○	○
Zoom Ratio	1:6.3		●	●	●	●
Working Distance	100mm		●	●	●	●
Head Mount	76mm		●	●	●	●
Focusing Arm	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-B4 Pillar stand small fan-shaped base, pole diameter Φ32mm, pole height 260mm. Base size: 273*206mm, Φ100 black & white plate, with clips. No illumination.		●		●	
	BSZ-BL12 Pillar stand and small fan-shaped base, pole diameter Φ32mm, pole height 260mm. Base size: 273*206mm, Φ100 black & white plate, with clips. Stand height 260mm, incident (1pc LED lamp angel adjustable) and transmitted (14pcs LED lamps) LED illumination with separate control, color temperature 5700-6500K, brightness 20-22LM, 3pcs NiMH rechargeable battery. External wide range AC adapter, input voltage 100V-240V, output 5V 1A. Focusing arm tension adjustable, moving range 110mm.				●	●
Illumination	Epi-illuminator, 12V 15W, adapt to BSZ-A1		○		○	
Gem Clap	Gem clap		○	○	○	○
C-Mount	0.35× C-mount				○	○
	0.5× C-mount				○	○
	1× C-mount				○	○
Measurement	Precision measurement stage (0-25mm/150*150mm), with		○	○	○	○

Stage	mechanical micrometer. Installation size 95mm				
	Precision measurement stage (0-25mm/150*150mm), with digital micrometer. Installation size 95mm	○	○	○	○
Package	1pc/1carton,51cm*42cm*30cm, Net/Gross Weight: 6/7kg	●	●	●	●

Note: ● Standard Outfit, ○ Optional

Optical Parameters

Objective	Standard Objective/ W.D.100mm		0.5× Auxiliary Objective/ W.D.165mm		1.5× Auxiliary Objective/ W.D.45mm		2× Auxiliary Objective/ W.D.30mm	
	Mag.	FOV	Mag.	FOV	Mag.	FOV	Mag.	FOV
WF10×/20mm	7.0×	28.6mm	3.5×	57.2mm	10.5×	19mm	14.0×	14.3mm
	45.0×	4.4mm	22.5×	8.8mm	67.5×	2.9mm	90.0×	2.2mm
WF15×/15mm	10.5×	21.4mm	5.25×	42.8mm	15.75×	14.3mm	21.0×	10.7mm
	67.5×	3.3 mm	33.75×	6.6mm	101.25×	2.2mm	135.0×	1.67mm
WF20×/10mm	14.0×	14.3mm	7.0×	28.6mm	21.0×	9.5mm	28.0×	7.1mm
	90.0×	2.2mm	45.0×	4.4mm	135.0×	1.5mm	180.0×	1.1mm