

BS-3025 Zoom Stereo Microscope with Universal Stand



BS-3025B-ST1



ST1 Universal Stand



BS-3025T-ST1



BS-3025B-ST2



ST2 Universal Stand



BS-3025T-ST2

Introduction

BS-3025 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. 7×-45× zoom magnification power with sharp images, can be extended to 3.5×-270× with optional eyepiece and auxiliary objective.
2. High eyepoint WF10×/20mm eyepiece.
3. 100mm Long working distance.
4. Ergonomic design, sharp image, wide viewing field, high depth of field and easy to operate.
5. Ideal instrument in education, medical and industrial field.

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

Specification

Item	Specification	BS-3025B-ST1	BS-3025T-ST1	BS-3025B-ST2	BS-3025T-ST2

Viewing Head	Binocular head, inclined at 45°, Interpupillary Distance 54-76mm, diopter adjustment for both tubes, 30mm tube		●		●	
	Trinocular head, inclined at 45°, Interpupillary Distance, 54-76mm, 2:8, diopter adjustment for both tubes, 30mm tube			●		●
Eyepiece	WF10×/ 20mm eyepiece (micrometer is optional)		●	●	●	●
	WF15×/15mm eyepiece		○	○	○	○
	WF20×/10mm eyepiece		○	○	○	○
	WF25×/9mm eyepiece		○	○	○	○
	WF30×/8mm eyepiece		○	○	○	○
Objective	Zoom objective	0.7×-4.5×	●	●	●	●
	Auxiliary objective	2×, W.D.: 30mm	○	○	○	○
		1.5×, W.D.: 45mm	○	○	○	○
		0.75×, W.D.: 116mm	○	○	○	○
		0.7×, W.D.: 113mm	○	○	○	○
		0.5×, W.D.: 165mm	○	○	○	○
		0.3×, W.D.: 287mm	○	○	○	○
Zoom Ratio	1:6.3		●	●	●	●
Working Distance	100mm		●	●	●	●
Head Mount	76mm		●	●	●	●
Illumination	LED ring light(LED-56A, LED-64, LED-144A etc.)		○	○	○	○
	Cold light source		○	○	○	○
Focusing Arm	Coarse focusing, focusing range 50mm		●	●	●	●
Pillar Stand	ST1 single arm universal stand, no illumination, can expand the operating range and observe objects in any direction. Vertical column height: 380mm Column diameter: ϕ 32mm Horizontal movement: 235mm Base: 230x230x40mm		●	●		

	With FA1 coarse focusing arm(76mm mounting size)				
	ST2 double arm universal stand, no illumination, can expand the operating range and observe objects in any direction. Vertical column height: 380mm Column diameter: Φ 32mm Horizontal movement: 235mm Base: 210x260x50mm With FA1 coarse focusing arm(76mm mounting size)			●	●
C-Mount	0.35× C-mount		○		○
	0.5× C-mount		○		○
	1× C-mount		○		○
Package	1set/1carton, 49.5cm*48.5cm*29cm, Net/Gross Weight: 19/20kg	●	●		
	1set/1carton, 49.5cm*48.5cm*29cm, Net/Gross Weight: 24/25kg			●	●

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
WF25×/9mm	17.5×	12.8mm	8.75×	25.6mm	26.25×	8.5mm	35.0×	6.4mm
	112.5×	2.0mm	56.25×	4.0mm	168.75×	1.3mm	225.0×	1.0mm
WF30×/8mm	21.0×	11.4mm	10.5×	22.8mm	31.5×	7.6mm	42.0×	5.7mm
	135.0×	1.7mm	67.5×	3.5mm	202.5×	1.2mm	270.0×	0.89mm