

## 9. BS-3026 Zoom Stereo Microscope



BS-3026B2



BS-3026T2

### 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. 7×-45× zoom magnification power with sharp images, can be extended to 3.5×-180× with optional eyepiece and auxiliary objective.
2. High eyepoint WF10×/20mm eyepiece.
3. Long working distance to create enough space for the users.
4. Ergonomic design, sharp image, wide viewing field, high depth of field and easy to operate, less fatigue when long time use.
5. 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- 3026B2	BS-3026 T1	BS-3026 T2
Viewing Head	Binocular head, inclined at 45°, Interpupillary Distance 54-76mm, ±5 diopter adjustment for both tubes, 30mm tube	•	•		

	Trinocular head, inclined at 45°, Interpupillary Distance, 54-76mm, 2:8, ±5 diopter adjustment for both tubes, 30mm tube				●	●
Eyepiece	WF10×/ 20mm eyepiece (micrometer is optional)		●	●	●	●
	WF15×/15mm eyepiece		○	○	○	○
	WF20×/10mm eyepiece		○	○	○	○
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		●	●	●	●
Illumination	Transmitted light 3W LED, Brightness Adjustable		○	●	○	●
	Incident light 3W LED, Brightness Adjustable		○	●	○	●
	LED ring light		○	○	○	○
	Cold light source		○	○	○	○
Focusing Arm	Coarse focusing, two focusing knobs with tension adjustable, focusing range 50mm		●	●	●	●
Stand	Pillar stand, Pole height 240mm, pole diameter Φ32mm, with Clips, Φ100 black&White plate, Base size: 205×275×22mm, no illumination		●		●	
	Square pillar stand, Pole height 300mm, with Clips, Φ100 black&White plate, glass plate, white and black plate, Base size: 205×275×40mm, reflected and transmitted LED illumination with brightness adjustable			●		●
C-Mount	0.35× C-mount				○	○
	0.5× C-mount				○	○
	1× C-mount				○	○
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