

## 5. BS-3014 Stereo Microscope



BS-3014A



BS-3014B



BS-3014C



BS-3014D

### Introduction

BS-3014 series stereo microscopes offer upright, un-reversed 3D images with high resolution. The microscopes are smart and cost-effective. Optional cold light and ring light can be chosen for these microscopes. They are widely used in electric factories, schools laboratories, sculpture, families and so on.

### Feature

1. 20×/40× magnification, can be extended to 5×-160× 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

The BS-3014 series stereo microscopes are of great value in a variety of applications such as circuit board repair, circuit board inspection, surface mount technology work, electronics inspection, coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts, dissection and school education etc.

### Specification

Item	Specification	BS-3014A	BS-3014B	BS-3014C	BS-3014D
Head	Binocular Viewing Head, Inclined at 45°, 360° rotatable, Interpupillary adjusting distance 54-76mm, left eyepiece with diopter adjustment±5	●	●	●	●
Eyepiece	High eyepoint WF10×/20mm eyepiece	●	●	●	●
	WF15×/15mm eyepiece	○	○	○	○
	WF20×/10mm eyepiece	○	○	○	○
Objective	2×, 4×	●	●	●	●
	1×, 2×	○	○	○	○
	1×, 3×	○	○	○	○
Magnification	20×, 40×, with optional eyepiece and auxiliary objective, can	●	●	●	●

	be extended to 5x-160x				
Auxiliary Objective	0.5x objective, W.D.: 165mm	○	○	○	○
	1.5x objective, W.D.: 45mm	○	○	○	○
	2x objective, W.D.: 30mm	○	○	○	○
Working Distance	100mm	●	●	●	●
Head Mount	76mm	●	●	●	●
Illumination	Transmitted light 12V/15W Halogen, Brightness Adjustable		●		
	Incident light 12V/15W Halogen, Brightness Adjustable		●		
	Transmitted light 3W LED, Brightness Adjustable		○		●
	Incident light 3W LED, Brightness Adjustable		○		●
	LED ring light	○	○	○	○
	Cold light source	○	○	○	○
Focusing Arm	Coarse focusing, focusing range 50mm	●	●	●	●
Pillar Stand	Pole height 240mm, pole diameter Φ32mm, with Clips, Φ95 black&White plate, Base size: 200×255×22mm, no illumination	●			
	Pole height 240mm, pole diameter Φ32mm, with Clips, Φ95 black&White plate, glass plate, Base size: 200×255×60mm, Halogen illumination		●		
	Pole height 240mm, pole diameter Φ32mm, with Clips, Φ95 black&White plate, Base size: 205×275×22mm, no illumination			●	
	Pole height 240mm, pole diameter Φ32mm, with Clips, Φ95 black&White plate, glass plate, Base size: 205×275×40mm, LED illumination				●
Package	1pc/1carton, 38.5cm*24cm*37cm, Net/Gross Weight: 3.5/4.5kg	●	●	●	●

Note: ● Standard Outfit, ○ Optional

## Optical Parameters

Objective	Eyepiece						WD
	WF10x/20mm		WF15x/15mm		WF20x/10mm		
	Mag.	FOV	Mag.	FOV	Mag.	FOV	
1x	10x	20mm	15x	15mm	20x	10mm	100mm
2x	20x	10mm	30x	7.5mm	40x	5mm	
3x	30x	6.6mm	45x	5mm	60x	3.3mm	
4x	40x	5mm	60x	3.75mm	80x	2.5mm	