

BS-3043 Zoom Stereo Microscope



BS-3043A



BS-3043AT



BS-3043B



BS-3043BT

**Introduction**

Adopted Greenough optical system, BS-3043 series stereo microscopes come with compact structure, high quality optics and reliable illuminations. It is a good choice for inspection of electronic components and PCB board in industrial field, they are also available for scientific research, education and antiques identification etc. Optional auxiliary objectives device can expand the applications to meet various requirements.

## Feature

### 1. Eyepiece



The wide field plan eyepiece with 24mm wide field, diopter adjustable.

### 2. Splitting ratio



Trinocular viewing head with splitting ratio of 0:100 or 100:0. There is also a trinocular viewing head with the splitting ratio of 40:60 for option.

### 3. Zoom handwheel



Zoom range: 0.65X-5.2X, zoom ratio: 1:8.  
Excellent ergonomic design of handwheel.

**4. Zoom Mode Switching**



Twist counterclockwise to achieve continuous zoom function of the handwheel. Clockwise twist to achieve the function of the handwheel that zoom magnification with stop on major magnification.

**Application**

BS-3043 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-3043A, B**

Item	Specification		BS-3043A	BS-3043B
Optical System	Greenough optical system		●	●
Viewing Head	Binocular head, 45° inclined, interpupillary distance: 52-76mm		●	●
	Trinocular head, 45° inclined, interpupillary distance: 52-76mm, splitting ratio: 0:100 or 100:0			
	Trinocular head, 45° inclined, interpupillary distance: 52-76mm, splitting ratio: 40:60.			
Eyepiece	Wide field plan eyepiece PL10X/24mm		●	●
Objectives	Zoom Objective	0.65X-5.2X	●	●
	Auxiliary Objective	0.5X	○	○
		0.7X	○	○
		1X	●	●
		2X	○	○
Zoom Ratio	1:8		●	●
Working Distance	118mm		●	●
Head Mount	76mm		●	●
Stan & Base	BSZ-B11 Round column and large base with coarse focusing arm, column height: 240mm, column diameter: Φ32mm, base size: 320mm*260mm*16mm.		○	●
Adapter	0.35X C-mount adapter			

	0.45X C-mount adapter		
	0.5X C-mount adapter		

## BS-3043AT, BT

Item	Specification		BS-3043AT	BS-3043BT
Optical System	Greenough optical system		●	●
Viewing Head	Binocular head, 45° inclined, interpupillary distance: 52-76mm			
	Trinocular head, 45° inclined, interpupillary distance: 52-76mm, splitting ratio: 0:100 or 100:0		●	●
	Trinocular head, 45° inclined, interpupillary distance: 52-76mm, splitting ratio: 40:60.		○	○
Eyepiece	Wide field plan eyepiece PL10X/24mm		●	●
Objectives	Zoom Objective	0.65X-5.2X	●	●
	Auxiliary Objective	0.5X	○	○
		0.7X	○	○
		1X	●	●
		2X	○	○
Zoom Ratio	1:8		●	●
Working Distance	118mm		●	●
Head Mount	76mm		●	●
Stan & Base	BSZ-B11 Round column and large base with coarse focusing arm, column height: 240mm, column diameter: Φ32mm, base size: 320mm*260mm*16mm.		○	●
Adapter	0.35X C-mount adapter		○	○
	0.45X C-mount adapter		●	○
	0.5X C-mount adapter		○	●

Note: ● Standard Outfit, ○ Optional

## Optical Parameters

Auxiliary Objectives		0.5X		1X (Built-in)		2X	
Working Distance		218mm		118mm		42mm	
10X/24mm Eyepiece	Total Magnification	3.25X	26X	6.5X	52X	13X	104X
	Field of View	73.85mm	9.23mm	36.92mm	4.62mm	18.46mm	2.31mm