

### 13. BS-3044 Binocular Zoom Stereo Microscope



BS-3044A



BS-3044B

#### Introduction

BS-3044A/B Binocular Zoom Stereo Microscope offer upright, un-reversed 3 D images that remain in focus throughout the zoom range. They have zoom ratio of 1:8.3. Optional eyepieces and auxiliary objectives can be used to expand magnification range and working distances.

#### Feature

1. High zoom ratio of 1:8.3, zoom range of 0.6×-5×, large field of view up to  $\Phi 76\text{mm}$ .
2. High quality optical system, providing sharp and high contrast image and ensure flat image at large depth of field, Ease the tiredness with ergonomic design.
3. With LED light for both incident and transmitted illumination, Providing even illumination and life expectancy can reach 60000 hours.
4. With complete eyepieces, objectives and accessories, it is an ideal instrument for industry assembling, inspection and teaching field.

#### Application

BS-3044A/B Binocular stereo zoom microscope can be used for circuit board repairing and inspection, surface mount technology work, electronics inspection, coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts.

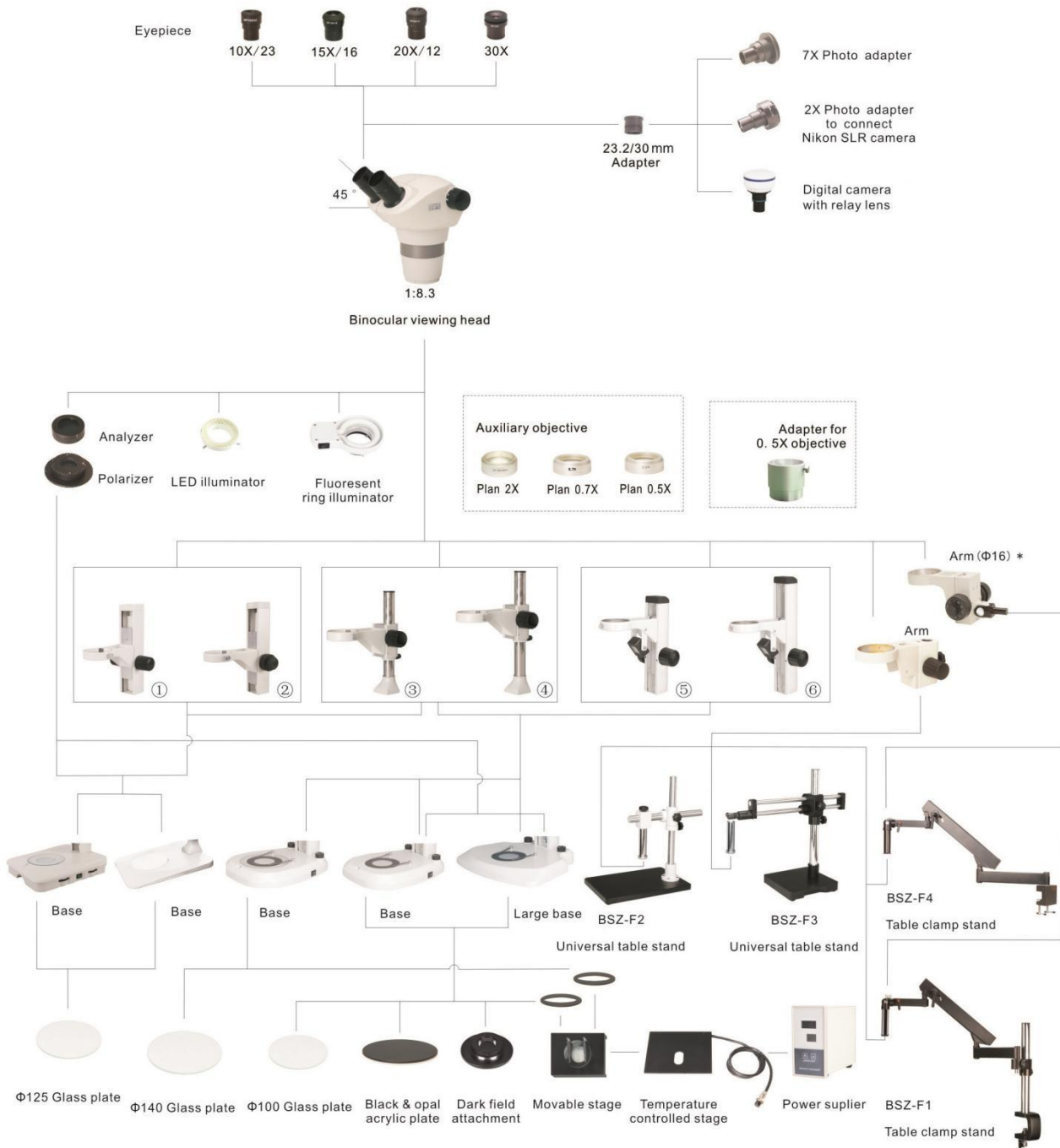
#### Specification

Item	Specification	BS-3044A	BS-3044B
Viewing Head	Binocular Viewing Head, Inclined at 45°, Interpupillary Distance 55-75mm	•	•
Eyepiece	Extra wide field eyepiece WF10×/ $\Phi 23\text{mm}$	•	•

	WF15×/Φ16mm	○	○
	WF20×/Φ12mm	○	○
	WF30×/Φ9mm	○	○
Zoom Objective	0.6×-5×	●	●
Zoom Ratio	8.3:1	●	●
Working Distance	115mm	●	●
Auxiliary objective	0.5×, WD: 220mm	○	○
	0.7×, WD: 125mm	○	○
	2×, WD: 45mm	○	○
Stage Plate	Glass Insert Plate, Diameter 100mm	●	
	Glass Insert Plate, Diameter 125mm		●
	White&Black round plate, Diameter 100mm	●	
	White&Black round plate, Diameter 125mm		●
Focusing Unit	Coarse Focus Knob with tension adjustable, Moving range 105mm	●	●
Illumination	Incident Illumination 100V-240V/ LED	●	●
	Transmitted Illumination 100V-240V/ LED	●	●
Video Adapter	30mm adapter ring for 23.2mm eyepiece adapter	○	○
	0.45×/0.5× C-mount adapter	○	○
Photo Adapter	Photo Adapter for Nikon or Canon DSLR camera	○	○

Note: ● Standard Outfit, ○ Optional

### System Diagram



	①	②	③	④	⑤	⑥
Length	279mm	279mm	12"	18"	280mm	330mm
Coaxial coarse & fine		√				

Note: \* Take away the connecting column of BSZ-F1 and BSZ-F4.