

Series Zoom Stereo Microscope

SZ6745 Series

**Brand-new Optical Design,
The Best Reproduction and True Color Image**

SZ6745 Stereoscopic Zoom Microscope

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SZ6745 Series Stereo Zoom Microscope

SZ6745 series stereo zoom microscope, fully coated optical system sharp and clear image with extremely good flatness and contrast. It is characterized by brand-new optical design, the best reproduction and true color image. With their large zoom range and long-working distance. These are ideal for high-magnification, high-resolution observation in biological research, precision-oriented semiconductor and other industries.



SZ6745 Series Technical data

Magnification	Standard spec. 6.7X~45X, optional eyepiece or auxiliary objective can make magnification to 3.35X~180X	
Objective	Standard spec. 0.67X~4.5X zoom objective, zoom ratio 6.7:1, ensure parfocality	
Viewing head	45°, 60° inclined, 360° Rotate, interpupillary distance: 54~76mm, diopter adjusting range ±5	
	Articulated binocular or trinocular head, 50%/50% spectral	
Adjustable eyepiece	Standard spec. 10X/22mm, large sight, wide field, high point	
Optional eyepiece	10X/22mm, 15X/16mm, 20X/12mm, 25X/9mm (object micrometer is available)	
Working distance	Standard: 105mm, Auxiliary objective can make it to 26mm~177mm	
Auxiliary objective	0.5X/177mm, 1.5X/47mm, 2X/26mm for option	
Focus arm	Adjustable lift range: 50mm	
Up illumination	12V/15W halogen reflected illumination	Independent switches and light source, Brightness can be continuously adjusted independently Fluorescent transmitted illumination, Brightness fixed LED lighting more even, the brightness more stable Low voltage security, low consumption, low calorific value, long service life
	Super bright LED reflected illumination	
Down illumination	12V/15W halogen transmitted illumination	
	Super bright LED transmitted illumination	
Videotape interface	With special interface, connect to usual camera, digital camera, imitate CCD, digital CCD, VGA	



SZ6745 Series Technical data

Objective		0.5X	1X	1.5X	2.0X
Working distance(mm)		177mm	105mm	47mm	26mm
10X	Zoom magnification	3.4X~22.5X	6.7X~45.0X	10.1X~67.5X	13.4X~90.0X
	Field of view(mm)	65.7~9.8	32.8~4.9	21.9~3.3	16.4~2.4
15X	Zoom magnification	5.0X~33.8X	10.1X~67.5X	15.1X~101.3X	20.1X~135X
	Field of view(mm)	47.8~7.1	23.9~3.6	15.9~2.4	11.9~1.8
20X	Zoom magnification	6.7X~45.0X	13.4X~90.0X	20.1X~135.0X	26.8X~180X
	Field of view(mm)	35.8~5.3	17.9~2.7	11.9~1.8	9~1.3
25X	Zoom magnification	8.4X~56.3X	16.8X~112.5X	25.1X~168.8X	33.5X~225X
	Field of view(mm)	26.9~4.0	13.4~2.0	9.0~1.3	6.7~1.0



SZ6745 Series Viewing head

SZ6745



- Binocular head with one pair of WF10X/22mm eyepiece
- Magnification form 6.7X to 45X

Note: Model with binocular head, show "B" character, for example: SZ6745B1

SZ6745T



- Trinocular head with photo device with one pair of WF10X/22mm eyepiece
- Magnification form 6.7X to 45X

Note: Model with trinocular head, show "T" character, for example: SZ6745T1



SZ6745 Series Accessories



High Point Eyepiece

WF10X/22mm, WF15X/16mm, WF20X/12mm, WF25X/9mm for option



Auxiliary Objective

XTAO2/26mm, XTAO1.5/47mm, XTAO0.5/177mm for option



Video C-mount

1XCTV, 1/2XCTV



LED Ring Lamp

Color temperature: 6400K
Input power: 24V/6W
Power Supply: AC90-265V, 50/60HZ
56 LED bulbs, Ring light is divided into



SZ A1 focus arm

Drawtube size: Ø76mm
Pillar size: Ø32mm



SZ A3 focus arm

Drawtube size: Ø76mm
Join size: Ø15.8mm



SZ6745 Series Stand Base



B6 Pillar flat base

Base with clip and Ø95mm black & white working board
Pillar: High 240mm
Diameter: Ø32mm
Base size: 205x275x25mm



B7 Vertical flat base

Base with clip and Ø95mm black & white working board
Vertical size: 300mm
Focus distance: 100mm
Drawtube size: Ø76mm
Base size: 205x275x25mm



B9L Vertical fan LED base

Reflected and transmitted LED illumination
Independent switch, adjustable brightness
Low-voltage security, small power consumption
Low heat, long life
Vertical size: 300mm
Focus distance: 100mm
Drawtube size: Ø76mm
Base size: 205x275x42mm



B5 Vertical big flat base

Vertical size: 300mm
Focus distance: 100mm
Drawtube size: Ø76mm
Base size: 380x260x20mm



SZ6745 Series Stand Base



J1 Pillar flat base

Base with clip and Ø95mm black & white working board
Pillar: High 240mm
Diameter: Ø32mm
Base size: 285x238mm



J2 Vertical flat base

Base with clip and Ø95mm black & white working board
Vertical size: 300mm
Focus distance: 100mm
Drawtube size: Ø76mm
Base size: 285x238mm



STL1 Single arm base

Expand the scope of operation, any orientation and angle observed the objectives
Vertical pillar: High 38mm
Diameter: Ø32mm
Horizontal moving: 235mm
Base size: 230x230x40mm



STL2 Double arm base

Expand the scope of operation, any orientation and angle observed the objectives
Vertical pillar: High 38mm
Diameter: Ø32mm
Horizontal moving: 235mm
Base size: 210x260x40mm