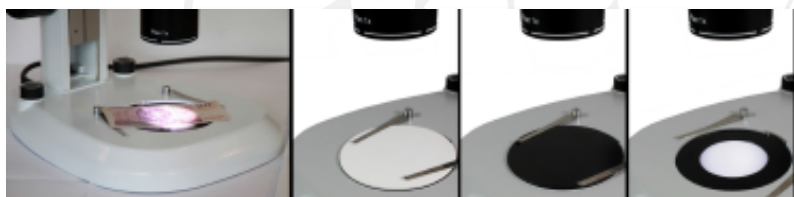


Stereo Microscopes SZ800

- Excellent Image Quality & Optical Performance with Infinity Parallel Optical System
- Comfortable Operation with Ergonomic Design Principle.
- With LED light for both incident and transmitted illumination, Providing even illumination and life expectancy can reach 6000 hours.
- Wide Range of Accessories to be Equipped with the Microscope for Multi-purposelt is an Outstanding Assistant in Industrial, Medical and Scientific Research Areas.



INFINITY PARALLEL ZOOM STEREO MICROSCOPES - SZ800 SERIES

Model:	SZ806	SZ808	SZ810
Zoom Ratio:	1:6	1:8	1:10
Zoom Range:	0.8x - 5x	0.8x - 6.4x	0.8x - 8x
Standard Magnification:	8x - 50x	8x - 64x	8x - 80x
Total Magnification Range:	4x - 300x	4x - 384x	4x - 480x

LAS IMAGENES PUEDEN VARIAR DEL ORIGINAL; INFORMACIÓN SUJETA A CAMBIO SIN PREVIO AVISO

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Stereo Microscopes SZ800

OPTICS

Objetives

Binocular head, inclines at 20 degree, Eyepiece: EW10X/22
Optical system: 1X plan objective infinity System

MECHANICS

Working distance

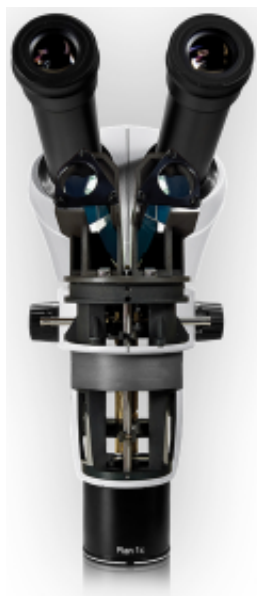
Standard 78mm, coaxial coarse & fine focusing system

Illumination

Incident and transmitted LED light for 100-240v, which can be used simultaneously. Incident light 3W LED, transmitted light 6W LED

OPTIONS

Ergonomics tilting head; Eyepiece: WF10X/24, WF15X/16, WF20/12, WF30X, auxiliary lenses 0.3X, 2.0 and Plan 0.5X; Iris diaphragm; Polarization and darkfield attachment; Universal stands, extended arm stand, mechanical stage, movable stage, temperature controlled stage; Beamsplitter; Epi-fluorescent attachment; LCD Attachment; Coaxial illumination; Cold light illumination with dual light guide; Coaxial coarse & fine focusing unit



GETTING CLEARER IMAGES AND MORE POSSIBLE INFORMATION BY USING OUR SZ800 SERIES

The New infinity parallel zoom stereomicroscope series ideal for biological and industrial applications. It features a binocular/trinocular head or alternatively ergonomics tilting head and offers parfocal and parcentered objectives, it comes with widefield eyepiece including a 22mm field of view. Different objectives are available to deliver 3 dimensional images of the original specimen. The dual LED illumination system with variable light intensity can be switched on independently or simultaneously.

LAS IMAGENES PUEDEN VARIAR DEL ORIGINAL; INFORMACIÓN SUJETA A CAMBIO SIN PREVIO AVISO

Stereo Microscopes

SZ800

SZ806 Overview

The SZ806 adopts infinity parallel Optical Zoom System, which provide high quality stereo viewing, ideal for both industry and life sciences, with an extra-long working distance for assembly, manipulation, re-work, dissection or inspection tasks. Additionally, a wide range of stand options and accessories allow tailoring to suit individual requirements. With an 6:1 zoom ratio, the SZ806 has a standard magnification range of 8x-50x (max. 300x) allowing fast and accurate viewing of all subjects.

SZ808 Overview

The SZ808 provide high quality stereo viewing, ideal for both industry and life sciences, with a long working distance for easy assembly, manipulation, re-work, dissection, or simple inspection tasks. With an 8:1 zoom ratio, the SZ808 has a standard magnification range of 8x-64X (max. 384x) allowing fast and accurate viewing of all subjects. A compact, modular design allows accessories to be added to the configuration, without loss of clarity or contrast through the common main objective.

SZ810 Overview

The high precision optics of the SZ810 provide a 10:1 zoom ratio and a standard magnification range of 8x-80x (max. 480x), providing high performance stereo magnification, while maintaining a long working distance. A fine focus option provides users with advanced capabilities for critical examination, allowing operators to quickly switch between manipulation and high magnification inspection tasks, allowing for parts to be reworked accurately passing stringent quality standards.

OPTICAL SPECIFICATIONS

Objective Lens	Working Distance (mm)	Zoom Body	Eyepieces					
			10X		20X		30X	
			Mag	FOV(mm)	Mag	FOV(mm)	Mag	FOV (mm)
0.5X	187mm	1:6	4X - 25X	57.5 - 9.2	8X - 50X	35 - 5.6	12X - 75X	25 - 4
		1:8	4X - 32X	57.5 - 7.2	8X - 64X	35 - 4.4	12X - 96X	25 - 3.1
		1:10	4X - 40X	57.5 - 5.8	8X - 80X	35 - 3.5	12X - 120X	25 - 2.5
1X	78mm	1:6	8X - 50X	28.8 - 4.6	16X - 100X	17.5 - 2.8	24X - 150X	12.5 - 2
		1:8	8X - 64X	28.8 - 3.6	16X - 128X	17.5 - 2.2	24X - 192X	12.5 - 1.6
		1:10	8X - 80X	28.8 - 2.9	16X - 160X	17.5 - 1.8	24X - 240X	12.5 - 1.3
2X	35mm	1:6	16X - 100X	14.4 - 2.9	32X - 200X	8.8 - 1.4	48X - 300X	6.3 - 1
		1:8	16X - 128X	14.4 - 2.3	32X - 256X	8.8 - 1.1	48X - 384X	6.3 - 0.8
		1:10	16X - 160X	14.4 - 1.8	32X - 230X	8.8 - 0.9	48X - 480X	6.3 - 0.6

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Stereo Microscopes

SZ800

		Model		
		SZ806	SZ808	SZ810
Optical System	Parallel optical zoom system	1	1	1
Drawing Tube	Binocular Head, 20° Inclination Interpupillary distance 55-75mm	1	1	1
	Tilting binocular eyepiece tube, 0-35° inclined, interpupillary distance 55-75mm, eyepoint height can be raised to 137mm			
Eyepiece	EW10×/22	2	2	2
	WF10X/24			
	WF15×/16			
	WF20×/12			
	WF30X			
Zoom Objective	0.8×-5×	1		
	0.8×-6.4×		1	
	0.8×-8×			1
Objective	1X Plan Achromatic Objective WD: 78mm	1	1	1
	0.3X Achromatic Objective 0.3× WD: 276mm			
	0.5X Plan Achromatic Objective WD: 195mm			
	2X Plan Achromatic Objective WD: 32.5mm			
	0.5X Plan apochromatic objective WD: 126mm			
Zoom Ratio	01:06	1		
	01:08		1	
	01:10			1
Working Distance	78mm	1	1	1
Focusing	Focusing Range 105mm	1	1	1
Illumination	Transmission or Reflection LED Illumination, Brightness Adjustable	1	1	1
Optional	Coaxial illumination			
	Epi-fluorescent attachment			
	Dark field attachment			
	Simple polarization set			
	Iris diaphragm			
	Beamsplitter (one port)			
	Beamsplitter (two ports)			
	Photography & video attachment			
	Moveable stage			
	Temperature controlled stage			
	Universal table stand/Table clamp stand			
	Coaxial coarse & fine focusing unit			1
	Cold light illumination with dual light guide			
	LCD Attachment			

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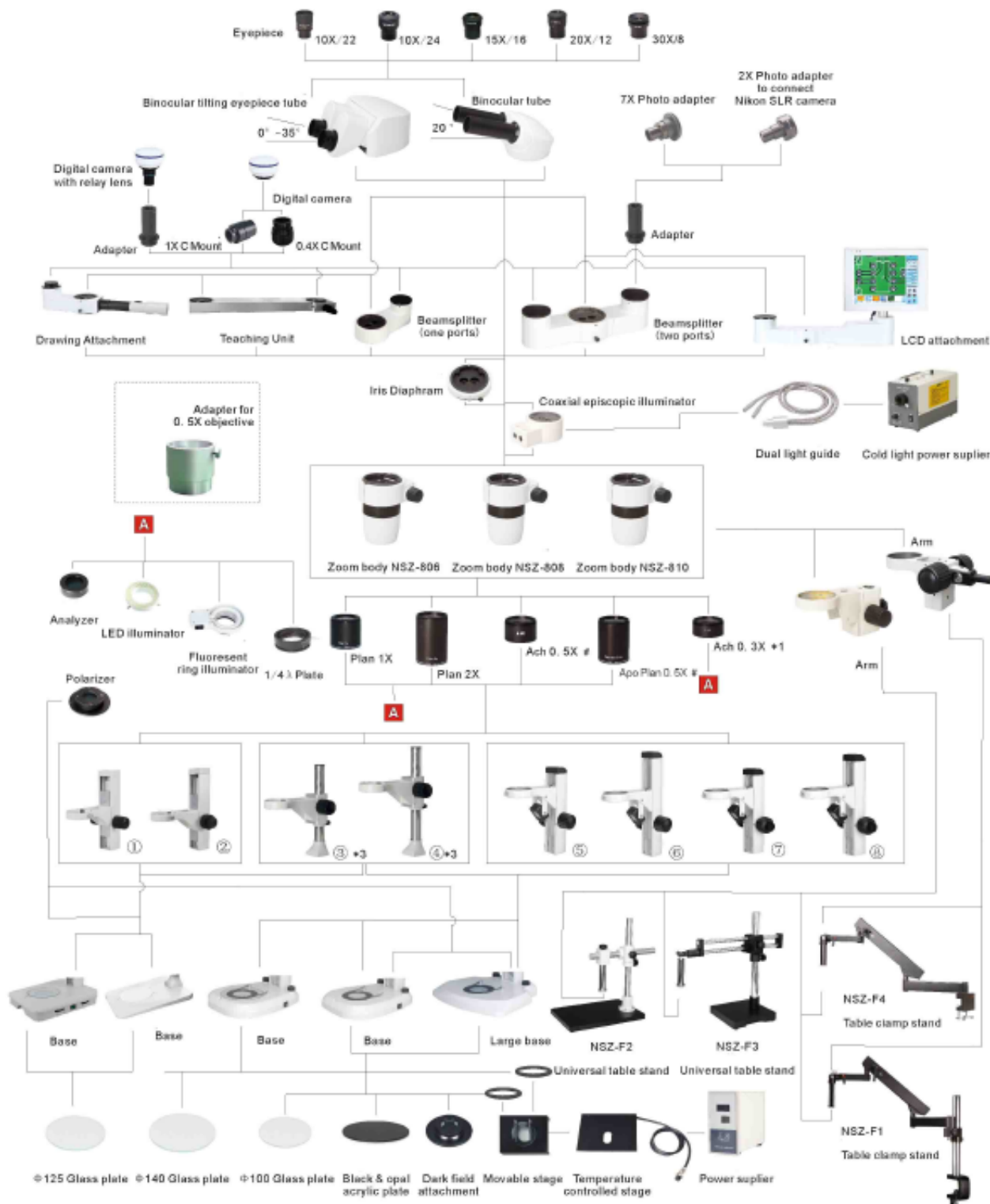
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Stereo Microscopes

SZ800



Note: *1 Objective 0.3X only for NSZ-F1, NSZ-F2, NSZ-F3, NSZ-F4 stand.
 *2 Take away the connecting column of NSZ-F1 and NSZ-F4.
 *3 Without illumination.
 1/4 λ Plate only can be used with coaxial episcopic illuminator.

	①	②	③	④	⑤	⑥	⑦	⑧
Length	270mm	270mm	12"	18"	280mm	330mm	280mm	330mm
Coaxial coarse & fine		√					√	√
For NSZ-810		√					√	√