

SZ650/680/SZ810

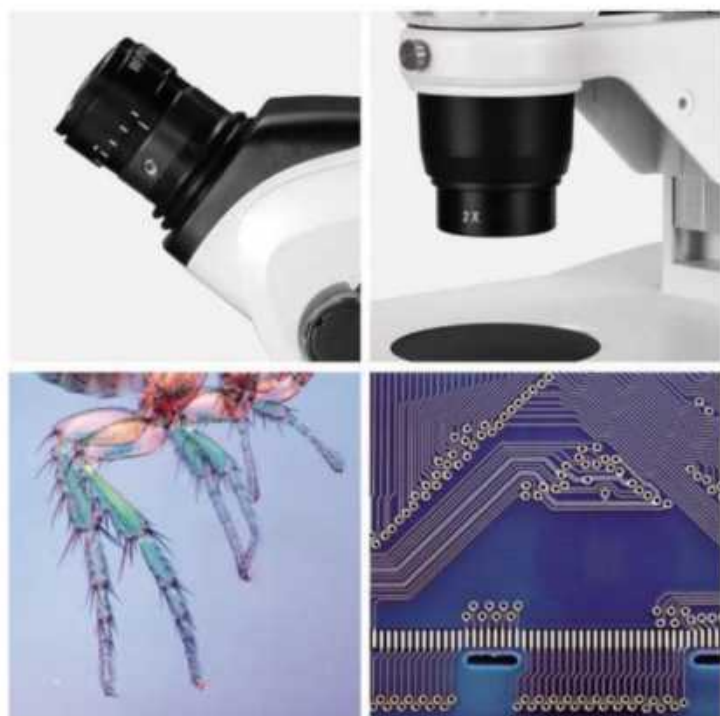
SZ Series Stereo Zoom Microscope

- **Outstanding Ergonomic Design**

1. SZ680/810 35°viewing angle, SZ650 40°viewing angle, suitable for long-term sitting observation.
2. 330mm×300mm big stand, high stability , apply to all kinds of anatomy of specimen.

- **Top Optical & Mechanical Design**

1. Greenough optical system, built-in rotating shaft zoom system.
2. No tilting Image in left &right light path in complete pupillary distance , No dizziness feeling after long time observing.
3. (patent number: 201320807246.0)
4. Stereo angle for left & right light path is 12°, stereoscopic effect, large viewing field, high zoom ration.



- **Excellent Technology And Quality**

1. High resolution, large depth of field, excellent color restoration and contrast.
2. Operation comfortable(manufactured by high-precision machine, excellent assembly technology).
3. High- end material(PC resin cover, aluminium alloy , copper alloy parts, austenite stainless steel driving parts).

- **International Level Appearance Design**

1. Elegant shape , high-end and integrated appearance design, comfortable operation.

- **Various Accessories,Complete Function.**

1. Different video output connectors, built-in digital image model.
2. Illumination optional: LED, halogen lamp, cold light source etc. (100V-240V wide voltage input).
3. Various professional stands and operating attachments.



Photography System



Camera System



SZ650BP



SZ680/810BP



SZ680/810TP



SZ650B2L



SZ680/810B2L



SZ680/810T2L



User can limit the zoom range as per self-choice.



Rotating switching to video output and input, 100% light distribution.



Pillar Stand



Focusing Arm Stand

Main Technical Specification

Model	SZ650	SZ680	SZ810
Objectives Zoom Range	0.7X-4.5X	0.68X-4.7X	0.65X-5.3X
Zoom Ratio	1 : 6.5	1 : 6.8	1 : 8.1
Field Diameter (mm)	Φ22	Φ23	Φ 24
Working Distance (mm)	110	110	110
Stereo Angle (°)	12	12	12
Viewing Angle (°)	40	35	35
Interpupillary Adjustable Distance (mm)	50-75	50-75	50-75
Video Output Distribution	NO	100% (0:100 standard)	
		70:30 (optional) (70%for eyepiece,30% for photography)	

SZ650 Series Objective & Eyepiece Parameter List (0.7×-4.5×)

Additional Objective		0.5X	1X(built-in)	2X
W.D		189mm	110mm	36mm
10XEyepiece /Φ 22mm	Magnification	3.5 ~ 22.5	7 ~ 45	14 ~ 90
	Field dia. (mm)	62.9 ~ 9.8	31.43 ~ 4.89	15.71 ~ 2.44
15XEyepiece/Φ 16mm	Magnification	5.25 ~ 33.75	10.5 ~ 67.5	21 ~ 135
	Field dia. (mm)	45.71 ~ 7.11	22.86 ~ 3.56	11.43 ~ 1.78
20XEyepiece/Φ 12mm	Magnification	7 ~ 45	14 ~ 90	28 ~ 180
	Field dia.(mm)	34.28 ~ 5.33	17.14 ~ 2.67	8.57 ~ 1.33

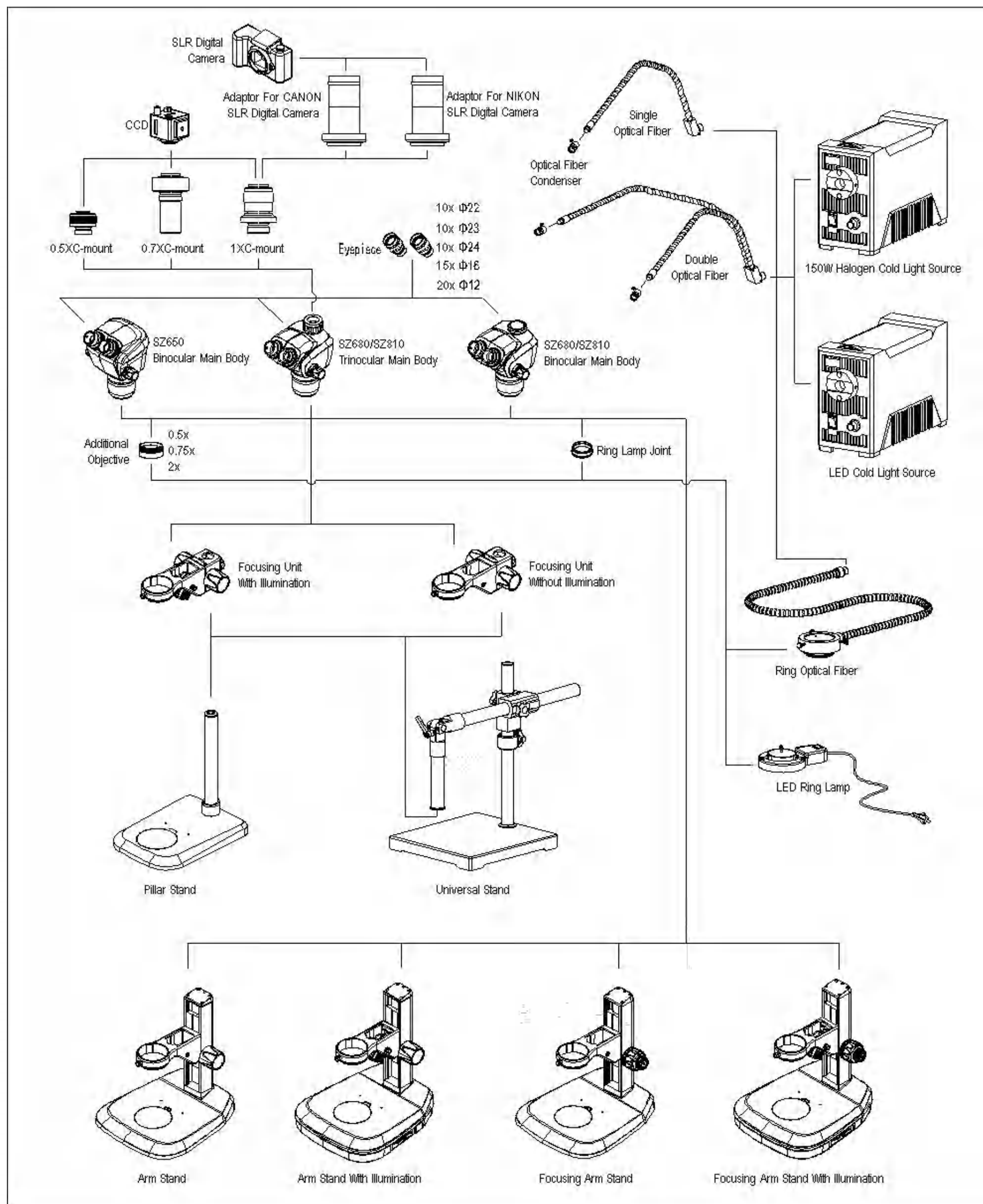
SZ680 Series Objective & Eyepiece Parameter List (0.68×-4.7×)

Additional Objective		0.5X	1X(built-in)	2X
W.D		189mm	110mm	36mm
10XEyepiece /Φ 23mm	Magnification	3.4~23.5	6.8~47	13.6~94
	Field dia. (mm)	67.65~9.79	33.82~4.89	16.91~2.46
15XEyepiece/Φ 16mm	Magnification	5.1~35.25	10.2~70.5	20.4~141
	Field dia. (mm)	47.06~6.81	23.53~3.40	11.76~1.70
20XEyepiece/Φ 12mm	Magnification	6.8~47	13.6~94	27.2~188
	Field dia.(mm)	35.294~5.11	17.65~2.55	8.82~1.28

SZ810 Series Objective & Eyepiece Parameter List (0.65×-5.3×)

Additional Objective		0.5X	1X(built-in)	2X
W.D		189mm	110mm	36mm
10XEyepiece/Φ 24mm	Magnification	3.3 ~ 25.5	6.5 ~ 53	13.2 ~ 106
	Field dia. (mm)	72.73 ~ 9.41	36.92 ~ 4.53	18.18 ~ 2.26
15XEyepiece/Φ 16mm	Magnification	4.88 ~ 39.75	9.75 ~ 79.5	19.5 ~ 159
	Field dia. (mm)	49.18 ~ 6.03	23.08 ~ 3.01	11.53 ~ 1.50
20XEyepiece/Φ 12mm	Magnification	6.5 ~ 53	13.2 ~ 106	26.4 ~ 212
	Field dia. (mm)	39.92 ~ 4.53	18.18 ~ 2.26	9.09 ~ 1.13

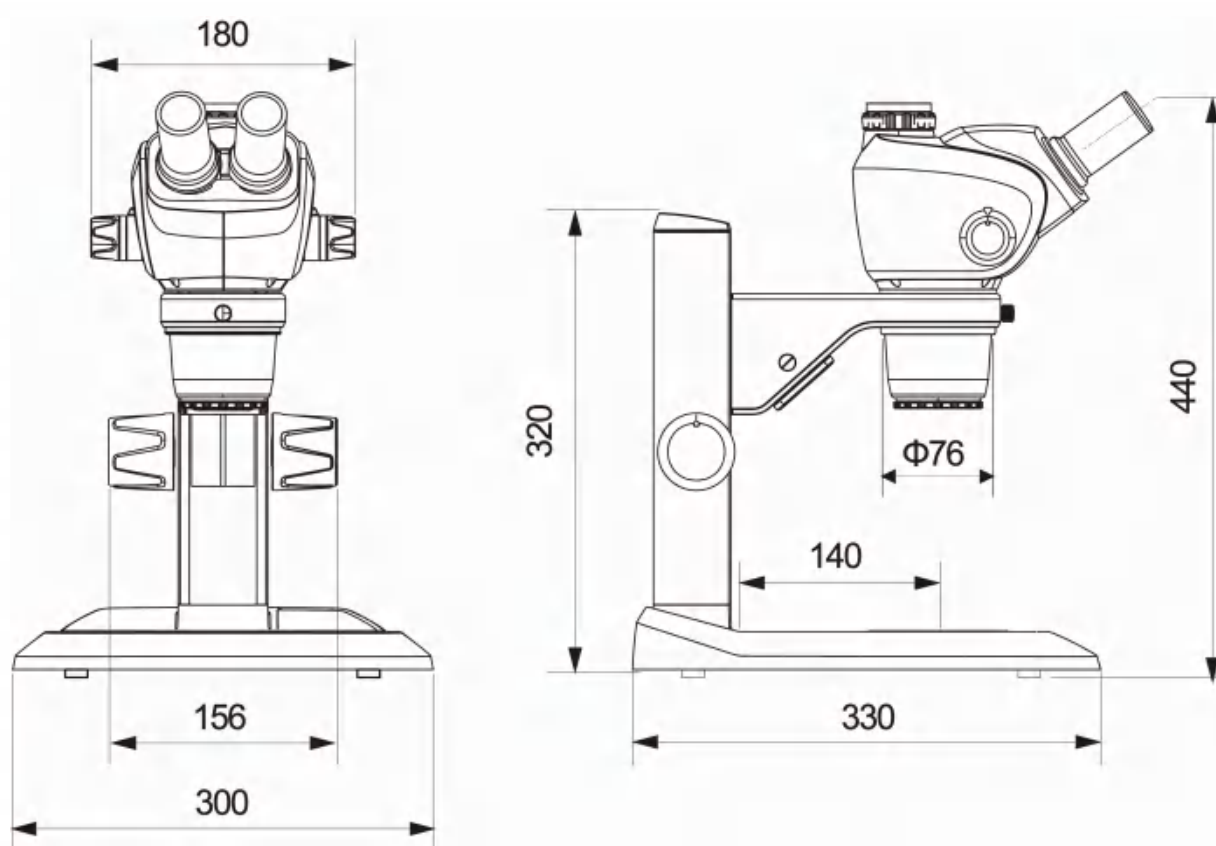
SZ650/680/810 Series Zoom Stereo Microscope General Layout Diagram



SZ650/680/810 Series Zoom Stereo Microscope Outfit

Items		SZ650BP	SZ650B2L	SZ680BP	SZ680B2L	SZ680TP	SZ680T2L	SZ810BP	SZ810B2L	SZ810TP	SZ810T2L
Main Body	Binocular	●	●	●	●			●	●		
	Trinocular					●	●			●	●
10XEyepiece/Φ22mm		●●	●●								
10XEyepiece/Φ23mm				●●	●●	●●	●●				
10XEyepiece/Φ24mm								●●	●●	●●	●●
15XEyepiece/Φ16 mm		○○	○○	○○	○○	○○	○○	○○	○○	○○	○○
20XEyepiece/Φ12mm		○○	○○	○○	○○	○○	○○	○○	○○	○○	○○
0.5X/0.75X/2X Objective		○	○	○	○	○	○	○	○	○	○
Focusing unit		●	●	●	●	●	●	●	●	●	●
No light		●		●		●		●		●	
Reflecting 3W LED			●		●		●		●		●
Transmitting 3W LED (DC input)			●		●		●		●		●
Black & white Plate		●	●	●	●	●	●	●	●	●	●
Glass Plate			●		●		●		●		●
Arm stand		●	●	●	●	●	●	●	●	●	●
Pillar stand		○	○	○	○	○	○	○	○	○	○
Focusing Arm stand		○	○	○	○	○	○	○	○	○	○
Base (330×300mm)		●	●	●	●	●	●	●	●	●	●
C-mount 0.5X ,0.7X ,1X						○	○			○	○

Note : "●" In Table Is Standard Outfits, "○" Is Optional Accessories.



SZ650/680/810 Series Zoom Stereo Microscope Size(mm)