

SZ680/SZ780

SZ Series Stereo Zoom Microscope



Outstanding Ergonomic Design

- ✧ 35° viewing angle, suitable for long-term sitting observation.
- ✧ 330mm×300mm big stand, high stability , apply to all kinds of anatomy of specimen.

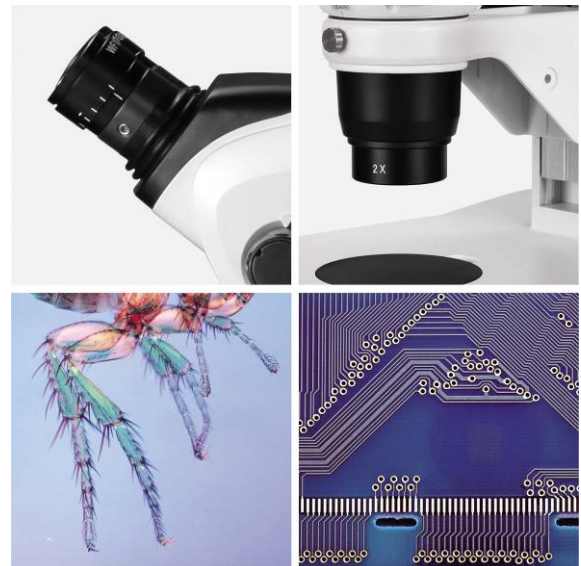
Top Optical & Mechanical Design

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



Excellent Technology And Quality

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



International Level Appearance Design

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

Various Accessories,Complete Function.

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

Photography System



Camera System





SZ 680 TP



SZ 680BP/ Pillar



SZ 780 B2L/ Pillar



SZ 780 TP / Video



SZ 780 TP/ SLR camera



SZ 780 T2L

Main Technical Specification

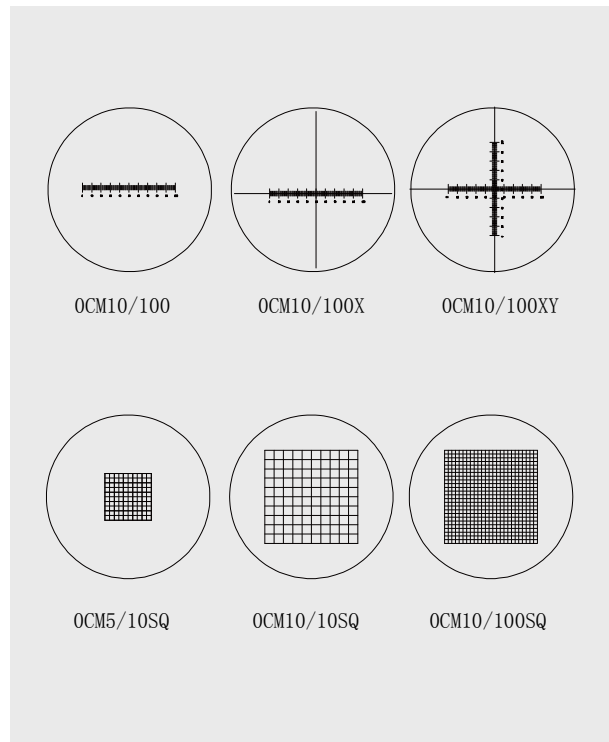
Model	SZ680	SZ780
Objectives Zoom Range	0.68X-4.7X	0.66X-5.1X
Zoom Ratio	1 : 6.8	1 : 7.8
Field Diameter (mm)	Φ23	Φ24
Working Distance (mm)	110	110
Stereo Angle (°)	12	12
Viewing Angle (°)	35	35
Interpupillary Adjustable Distance (mm)	50-75	50-75
Video Output Distribution	100%	100%
Guide Rail Stand Focusing Distance (mm)	80	
Pillar Stand Focusing Distance (mm)	115	



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



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



Different Size Reticule Eyepiece

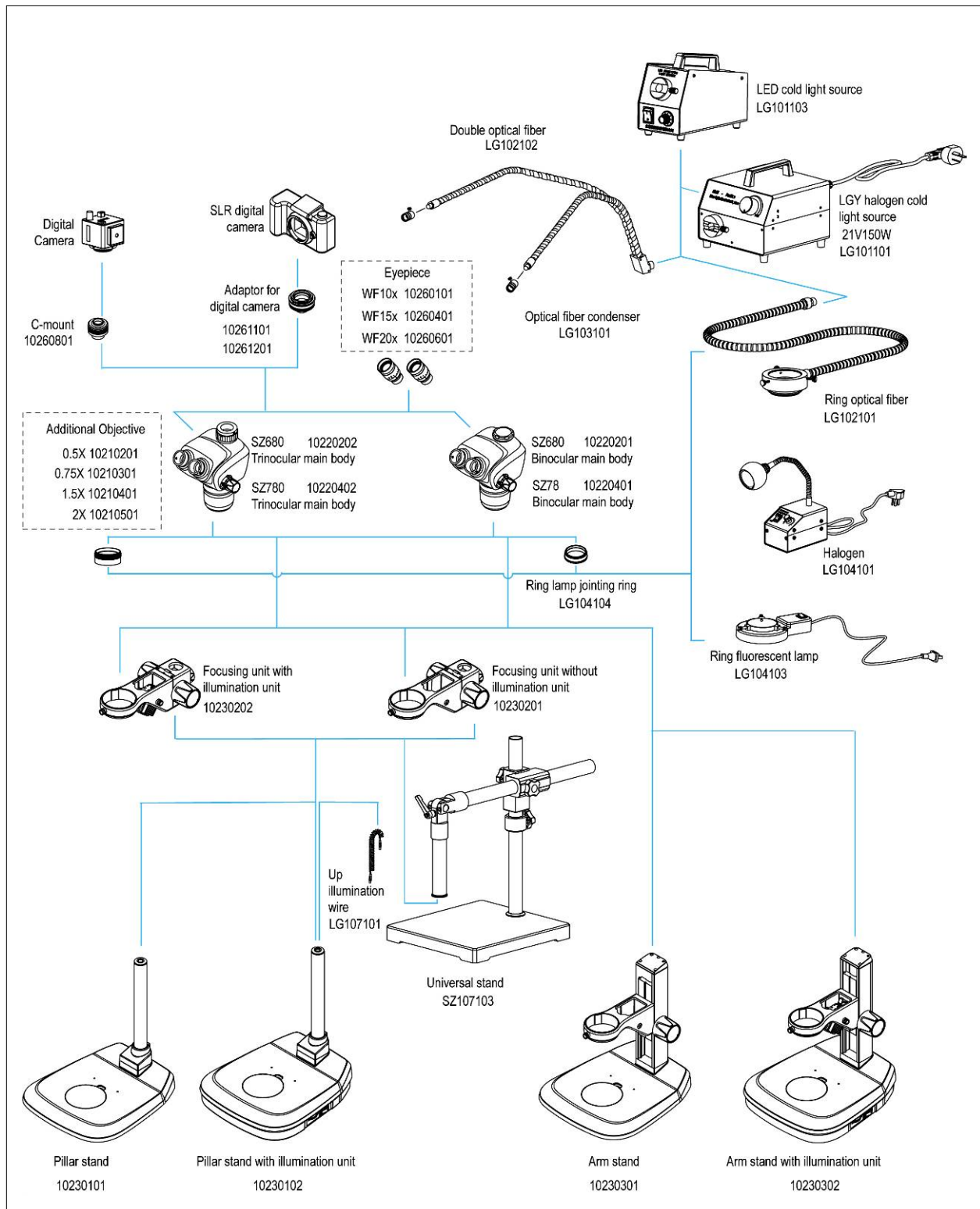
SZ680 Series Objective & Eyepiece Parameter List (0.68×-4.7×)

Additional Objective		0.5X	1X(built-in)	2X
W.D		189mm	110mm	36mm
10XEyepiece/Φ23mm	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
20XEyepiece/Φ12mm	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

SZ780 Series Objective & Eyepiece Parameter List (0.66×-5.1×)

Additional Objective		0.5X	1X(built-in)	2X
W.D		189mm	110mm	36mm
10XEyepiece/Φ24mm	Magnification	3.3~25.5	6.6~51	13.2~102
	Field dia. (mm)	72.73~9.41	36.36~4.71	18.18~2.35
20XEyepiece/Φ12mm	Magnification	6.6~51	13.2~102	26.4~204
	Field dia. (mm)	396.36~4.71	18.18~2.35	9.09~1.18

SZ680/780 Series Zoom Stereo Microscope General Layout Diagram

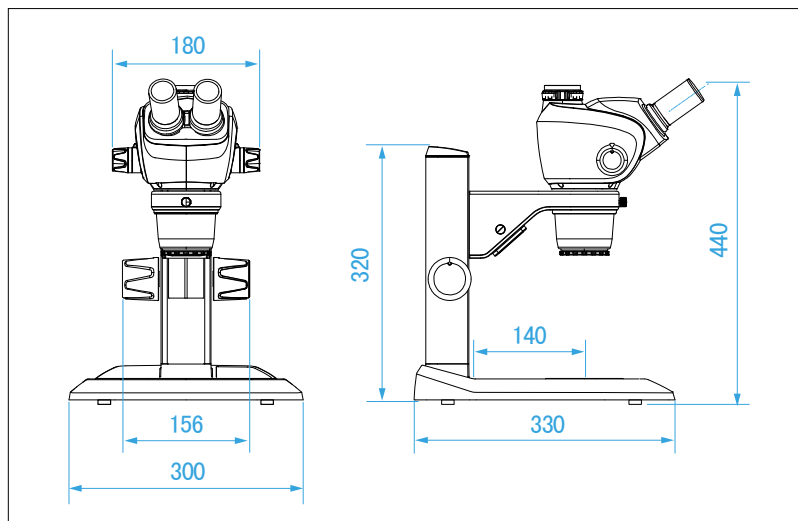


SZ680/780 Series Zoom Stereo Microscope Outfit

Items		SZ680BP	SZ680B2L	SZ780BP	SZ780B2L
Main Body (1X objective built in)	Binocular	●	●	●	●
	Trinocular	○	○	○	○
	Digital Head	○	○	○	○
10XEyepiece/Φ23mm		●●	●●		
10XEyepiece/Φ24mm				●●	●●
20XEyepiece/Φ12mm		○○	○○	○○	○○
0.5X/2X Objective		○	○	○	○
Focusing unit		●	●	●	●
No light		●		●	
Reflecting 3W LED			●		●
Transmitting 3W LED			●		●
Black & white Plate		●	●	●	●
Glass Plate			●		●
Arm stand		●	●	●	●
Pillar stand		○	○	○	○
Base (330×300mm)		●	●	●	●
C-mount 0.5X, 1X		○	○	○	○
Adaptor for digital photo camera		○	○	○	○
Two dimensional travelling table		○	○	○	○
Single pole Universal Stand		○	○	○	○

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

SZ680/780 Series Zoom Stereo Microscope Size(mm)



Optical Fiber Cold Light Source



Single Hard Fiber



Double Hard Fiber



Ring Soft Fiber

Fiber technical parameters : Fiberlength 550mm , beam diameter 8mm , with collector.



5W LED light source



150W halogen
light source