

SZX7

STEREOMICROSCOPE SYSTEM



The SZX minimizes strain and fatigue while fulfilling the key mission of Olympus microscope designers — to provide the optimal image for any specimen. The clear, accurate performance of the high-level Galilean optical system is complemented by a Distortion Free objective lens series with maximum Numerical Aperture. The SZX7 microscope body is manufactured using newly developed lead-free optics, demonstrating Olympus' commitment to protect the environment.

Optical system	Galilean type zoom stereo microscope
Zoom microscope body	Zoom ratio values: 7:1(0.8x to 5.6) Lead-free
Observation tube	1. SZX-BI45: Binocular, 45° inclination 2. SZX-TBI: Binocular, 5°-45° variable inclination 3. SZX-TR30: Trinocular, 30° inclination 3. SZX-TR30PT: Trinocular, 30° inclination All observation tube Lead-free Interpupillary distance adjustable range: 50 to 76 mm
Objective lens	DFPLO.5x-4, DFPLO.75x-4, DFPLAPO1x-4, SZX-ACH1x, SZX-ACH1.25x, DFPL1.5x-4, DFPL2x-4 All objectives: lead-free
Eyepieces	"Comfort View" WHSZ series All eyepieces: Lead-free

*Please refer to SZX7 catalog for further details

SZ61/SZ51

ZOOM STEREOMICROSCOPE



SZ61/SZ51

SZ61TR

SZ61-60/SZ51-60

Incorporating new improvements to the highly-regarded Greenough optical system, the SZ61 and SZ51 successfully meet the demand for a variety of observation and documentation options in a genuinely compact microscope design. Clear, sharp image reproduction is matched by new ergonomic design elements which maximize comfort and ease of use. The SZ61 and SZ51 microscope bodies are manufactured using newly developed lead-free optics, demonstrating Olympus' commitment to protect the environment.

	SZ61	SZ61-60	SZ61TR	SZ51	SZ51-60
Optical system	Greenough type zoom stereo microscope				
Zoom ration	6.7:1			5:1	
Working distance	110mm				
Tube inclination angle	45°	60°		45°	60°
Video camera adaptability	—		C-mount (0.5x built in)	—	
Optical component	Lead-free				
Auxiliary objective	Mounting by screwing into the thread at the bottom of frame (M48 thread x 0.75)				
Eyepieces	"Comfort View" WHSZ series All eyepieces: Lead-free				

*Please refer to SZ61/SZ51 catalog for further details

SD/SF Series

STEREO MICROSCOPES



SD

SF

The SD/SF compact stereo microscope series features Greenough optics. The long 110mm working distance and increased focal depth combine to make these microscopes perfect for all applications from biological research to training/educational use.

	SD	SF
Optical system	Greenough type stereo microscope	
Magnification	1x & 3x (switchable)	2x (SF20 Series) 1x (SF10 Series)
Working distance	110mm	
Observation tube angle	45°/60°	45°/60°

*Please refer to SD/SF catalog for further details

Accessories for SZX/SZ

SZ2-ILST

LED illuminator stand

The world's first LED stand features a thin design to keep sample positions low and to optimize operability. Simultaneous transmitted and reflected light are available on this stand. LED light offers both long lifetime and constant color temperature at any intensity.



SZ2-ILA

Transmitted illumination attachment

Used with the SZ2-ST stand, this cost-effective illumination stand provides bright, uniform illumination from low to high magnifications. Tilttable mirror provides direct and oblique illumination for low contrast specimen. Available 22W and 100W lamphouses provide necessary power for a variety of illumination needs.



SZ2-LGDI

Interlock dual light guide

Standard oblique semi-rigid fiber optic light guide. The light source position on the rear side of the stand saves desk space.



SZ2-LGSF

Flexible light guide

A single fiber optic guide is fixed at the back of the objective so as not to disturb microscope operation.



SZ2-STU3

Table clamp stand

The versatile SZ2-STU3 can be fixed to the side of a desk to expand the working area. Also, this stand exhibits operational versatility in anatomical and electrophysiological experimentation.

- For use with SZ2-STB1 bonder arm



SZ2-LGR

Ring light guide

Used with LGB illumination system, this ring light guide provides bright and uniform images.



SZ2-STU2

Universal stand type 2

This versatile stand allows smooth adjustment of both arm angle and length. This stand is perfect for photomicrography and video mounting of large specimens.

- For use with SZ2-STS arm

Olympus SZ7 Stereomicroscope

Key Features for SZX7



- Flexible modular system
- Best resolving power in its class
- Outstanding zoom ratio
- Wide range of observation methods

Optical excellence

The new Galilean Optical System in combination with the distortion free objective lens series and their large numerical apertures provide the optimal image for any specimen at any appropriate magnification.

Outstanding Zoom Ratio

The class leading magnification range allows quick, comfortable observations of any given specimen at the most appropriate magnification.

Ergonomy

The continuously adjustable tilting binocular tube enables the operator to quickly find the most comfortable eyepoint position which minimizes the risk of back strain and muscle tension and promotes productivity and quality in routine applications.

Fluorescence

For the macro fluorescence observation of living cells and organisms with GFP, Olympus supplies with the RFL fluorescence illuminator and specialized digital cameras highest brightness and contrast in fluorescence imaging.

LED-Illumination

The world's first universal reflected/transmitted light LED illumination stand brings together all the advantages of LED technology. The super slim, high-brightness LEDs successfully integrates transmitted illumination in a very slim base that allows easy specimen access and manipulation.

Documentation and analysis

Olympus digital cameras can be adapted via the optional available trinocular tube and side port. Choose the camera model which fits best your applications. Add one of our software packages depending on your needs which could range from easy archiving up to thorough analysis and reporting of your data.

SZX7+SZ2-ILST

