

CAMEDIA MICRO IMAGING SYSTEM

Easy digital imaging

This is for users wanting a high performance digital imaging system which is quick and easy to attach. For high-precision still or animated images, simply attach the Camedia micro imaging system to the tube's eyepiece section.



OLYMPUS®

Your Vision, Our Future

STEREOMICROSCOPE LINE-UP
SZX SERIES/SZ SERIES



The Comfort Zone

As of Oct. 1, 2003, Olympus Optical Co., Ltd. is named OLYMPUS CORPORATION.

Specifications are subject to change without any obligation on the part of the manufacturer.

OLYMPUS®

www.olympus.com

OLYMPUS CORPORATION
Shinjuku Monolith, 3-1, Nishi Shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan
OLYMPUS OPTICAL CO.(EUROPA) GMBH.
Postfach 10 49 08, 20034, Hamburg, Germany
OLYMPUS AMERICA INC.
Two Corporate Center Drive, Melville, NY 11747-3157, U.S.A.
OLYMPUS SINGAPORE PTE LTD.
491B River Valley Road, #12-01/04 Valley Point Office Tower, Singapore 248373



OLYMPUS OPTICAL CO.(U.K.) LTD.
2-8 Honduras Street, London EC1Y 0TX, United Kingdom.
OLYMPUS AUSTRALIA PTY. LTD.
31 Gilby Road, Mt. Waverley, VIC 3149, Melbourne, Australia.
OLYMPUS LATIN AMERICA, INC.
6100 Blue Lagoon Drive, Suite 390 Miami, FL 33126-2087, U.S.A.

Olympus stereo zoom microscopes: higher performance in a wider lineup.

Olympus stereo microscopes are known worldwide for their superb optical performance, precise and practical zoom ratios and high image resolution — as well as for the easy, comfortable operability achieved by their many original ergonomic design features. In addition, the Olympus system provides the versatility and expandability to respond effectively to the demands of different observation methods and inspection fields. From advanced research applications to routine inspections on the inspection line, Olympus presents a carefully planned and selected lineup that enables each user to choose the right model for a specific range of tasks.

SZX12



SZX9



SZX7



SZ61



SZ51



The SZX7 photo shown is LED illumination stand configuration.

Galilean type

Galilean optics feature two (right/left) independent and parallel zoom optical paths to produce the focal point with one objective lens. The system enables high optical performance as well as functional modularity.

SZX12 SERIES

High-end model with 12.9 zoom ratio

World-class optical performance ensures clear observation with pin-sharp resolution of 800 line/mm, enabling high magnification image observations up to 675x. This model is ideal for analytical works.

12.9

Zoom ratio

800

Lines/mm

Maximum resolution

Video port available

Intermediate tube attachable

Tilting tube

Dual obj. attachable

SZX9 SERIES

Standard model with full performance

The standard SZX9 model delivers the full basic performance of the SZX12 with numerous task-specific accessories. The provision of objectives fulfills high quality images and many practical solutions like long working distance.

9.0

Zoom ratio

600

Lines/mm

Maximum resolution

Video port available

Intermediate tube attachable

Tilting tube

Dual obj. attachable

SZX7 SERIES

Cost efficient model with Galilean type optics

This series matches quality with value, employing the Galilean optical system also found on the SZX12/9 to deliver clear, sharp observation images. An economical answer to several specific requirements, with the best zoom ratio and resolution in its class.

7.0

Zoom ratio

600

Lines/mm

Maximum resolution

Video port available

Intermediate tube attachable

Tilting tube

LED illumination stand

■ SZX / SZ series specifications

	Zoom ratio	Magnification range	Total magnification	Resolution	Compact	Ultra working distance
SZX12	12.9	0.7x~9.0x	2.1~675x	★★★		
SZX9	9.0	0.63x~5.7x	3.15~342x	★★		★
SZX7	7.0	0.8x~5.6x	4.0~336x	★★	★	★
SZ61	6.7	0.67x~4.5x	1.68~270x	★	★★	★★
SZ51	5.0	0.8x~4.0x	2.0~240x	★	★★	★★

Greenough type

The Greenough optical system has two zoom optical paths inclined at an inward angle. This enables a more compact microscope design while maintaining high performance.

SZ61 SERIES

Quite simply, the best zoom ratio in its class

Greenough type optics give this series a practical, versatile zoom ratio and excellent all-round optical performance in a slim, compact, space-saving microscope body. Three versions (45° tube, 60° tube and Trinocular tube) available.

6.7

Zoom ratio

424

Lines/mm

Maximum resolution

Video port available

60-degree tube angle available

LED illumination stand

SZ51 SERIES

Economy, performance and an excellent zoom ratio

SZ51 is built to perform, with a very practical zoom ratio of 5.0 (0.8x - 4.0x). This is the model to choose for the best in cost efficiency while ensuring confident command of both routine work and installation with other equipment. Two versions (45° tube and 60° tube) available.

5.0

Zoom ratio

415

Lines/mm

Maximum resolution

60-degree tube angle available

LED illumination stand