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Olympus 15X Widefield Eyepiece

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SZX7 Zoom Stereo Microscope - accessories shown not included

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General

Model Number:
N1198100

Manufacturer:
Olympus

Optical Properties

Magnification:

15X

Regulatory Compliance

Certificate of Conformance:

View

Product Details

- 7:1 Zoom Ratio with Video Adaptability
- Long Working Distances
- Accessories Expand Magnification from 4X– 336X
- **Olympus SZ51 and SZ61 Zoom Stereo Microscopes** Also Available

The Olympus SZX7 Zoom Stereo Microscope utilizes a Galilean optical system to provide superior image accuracy at high resolutions. The Olympus SZX7 Zoom Stereo Microscope offers video compatibility for image documentation and boom stand adaptability for precise positioning needs. Additionally, the SZX7 features an integrated click-stop mechanism to recall specific magnification settings. A variety of objective lenses and eyepieces are also available to provide superior image flatness to a wide range of specimens or applications, and to allow for imaging difficult-to-access samples.

Technical Information

Description	Stock No.
Microscope Body (Required)	
SZX7 Stereo Microscope Body	#88-103
Stands (One Required)	
Basic Reflected Light Stand with Reversible Stage Plate	#88-207
Transmitted and Reflected LED Light Stand	#88-208
Observation Tubes (One Required)	
30° Binocular Observation Tube	#88-106
30° Trinocular Observation Tube (Camera Adapter Required)	#88-107
Eyepieces (Two Required)	
10X Widefield Eyepiece	#88-108
15X Widefield Eyepiece	#88-109
20X Widefield Eyepiece	#88-110
30X Widefield Eyepiece	#88-111
Objectives (One Required)	
0.5X Achromatic Objective Lens	#33-254
1X Achromatic Objective Lens	#88-112
1.25X Achromatic Objective Lens	#88-113
0.75X Plan Achromatic Objective Lens	#88-114
2X Plan Achromatic Objective Lens	#88-115
1X Plan Apochromatic Objective Lens	#88-116
Camera Adapters (One Required for Video/Image Capture)	
1X Camera Adapter w/ C-mount Coupler	#88-209
0.63X C-Mount Adapter	#11-122
0.5X C-Mount Adapter	#11-123
Optional Accessories	
Ball & Socket Stage for Basic Light Stand	#88-123

Objective Lens	10X Eyepiece #88-108		15X Eyepiece #88-109		20X Eyepiece #88-110		30X Eyepiece #88-111	
	F.N. 22		F.N. 16		F.N. 12.5		F.N. 7	
	Mag.	FOV (mm)	Mag.	FOV (mm)	Mag.	FOV (mm)	Mag.	FOV (mm)
0.5X	4X-28X	55 - 7.8	6X-42X	40 - 5.7	8X-56X	31.3 - 4.5	12X-84X	17.5 - 2.5
0.75X	6X-42X	36.7 - 5.2	9X-63X	26.7 - 3.8	12X-84X	20.8 - 3	18X-126X	11.7 - 1.7
1X	8X-56X	27.5 - 3.9	12X-84X	20 - 2.9	16X-112X	15.6 - 2.2	24X-168X	8.8 - 1.3
1.25X	10X-70X	22 - 3.1	15X-105X	16 - 2.3	20X-140X	12.5 - 1.8	30X-210X	7.0 - 1.0
1.5X	12X-84X	18.3 - 2.6	18X-126X	13.3 - 1.9	24X-168X	10.4 - 1.5	36X-252X	5.8 - 0.83
2X	16X-112X	13.8 - 1.9	24X-168X	10 - 1.4	32X-224X	7.8 - 1.1	48X-336X	4.4 - 0.63

Olympus SZ51/SZ62	Olympus SZX7
Affordably priced with high resolving power	Larger zoom ratio than the SZ51/SZ61
Utilizes a Greenough optical system	Brighter, higher resolution images

	Utilizes an advanced Galilean optical system

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