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# Olympus 15X Widefield Eyepiece

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SZX7 Zoom Stereo Microscope - accessories shown not included

Stock **#88-109** CONTACT US

- 1 + **£244**.00

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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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