

# Olympus SZX7 2X Plan Achromatic Objective Lens

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SZX7 2XPlan Achromatic Objective Lens, #88-115

Stock **#88-115** 1 In Stock

-

1

+

€2.135<sup>.00</sup>

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| Qty 1+         | €2.135,00 each                |
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Product Downloads

| General             |               |
|---------------------|---------------|
| DFPL2X-4 / 1-SX2204 | Model Number: |
| Olympus             | Manufacturer: |

| Optical Properties |                |
|--------------------|----------------|
| 2X                 | Magnification: |

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 Mcroscope 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)                                  |           |
| 10XWidefield Eyepiece                                     | #88-108   |
| 15XWidefield Eyepiece                                     | #88-109   |
| 20XWidefield Eyepiece                                     | #88-110   |
| 30XWidefield Eyepiece                                     | #88-111   |
| Objectives (One Required)                                 |           |
| 0.5XAchromatic Objective Lens                             | #33-254   |
| 1XAchromatic Objective Lens                               | #88-112   |
| 1.25XAchromatic Objective Lens                            | #88-113   |
| 0.75XPlan Achromatic Objective Lens                       | #88-114   |
| 2XPlan Achromatic Objective Lens                          | #88-115   |
| 1XPlan Apochromatic Objective Lens                        | #88-116   |
| Camera Adapters (One Required for Video/Image Capture)    |           |
| 1XCamera Adapter w/ C-mount Coupler                       | #88-209   |
| 0.63XC-Mbunt Adapter                                      | #11-122   |
| 0.5XC-Mount Adapter                                       | #11-123   |
| Optional Accessories                                      |           |
| Ball & Socket Stage for Basic Light Stand                 | #88-123   |

| Objective Lens | 10X Eyepiece<br>#88-108 |            | 15X Eyepiece<br>#88-109 |            | 20X Eyepiece<br>#88-110 |            | 30X Eyepiece<br>#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 |

