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# Olympus SZ51/SZ61 0.4X Objective Lens

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SZ61 Stereo Microscope (eyepiece, objective, and stand each sold separately)



Stock **#88-128** [CONTACT US](#)

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+

A\$675<sup>.20</sup>

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| General            |                |
|--------------------|----------------|
| 110ALK0.4X/ 1-S818 | Model Number:  |
| Olympus            | Manufacturer:  |
| Optical Properties |                |
| 0.4X               | Magnification: |

| Regulatory Compliance |  |                             |  |
|-----------------------|--|-----------------------------|--|
| View                  |  | Certificate of Conformance: |  |

## Product Details

- Variable Magnification Ranges
  - Trinocular Design Available for Camera Compatibility
  - Multiple Mounting Stands and Configurations
  - [Olympus SZX7 Zoom Stereo Microscope](#) is Also Available
- Olympus SZ51 and SZ61 Zoom Stereo Microscopes are used in the life sciences to provide superior image quality with ample depth of field for a variety of biological microscopy applications. Olympus SZ51/SZ61 Zoom Stereo Microscopes utilize a 10° angle of convergence Greenough optical system to feature excellent field flatness, along with high clarity, strong detail, and accurate color. Each microscope features convenient front-access controls, a zoom knob stopper for quickly repeatable magnification changes and a comfortable eyepiece design that features pupil aberration control and appropriate positioning at the eye.
- The Olympus SZ51 Binocular Zoom Stereo Microscope is a cost-effective, versatile solution for applications requiring clear, high contrast images. Olympus SZ51 Binocular Zoom Stereo Microscopes feature a 5:1 zoom ratio along with a magnification range from 8X – 40X when used with a 10X eyepiece. The binocular and trinocular version of the SZ61 stereomicroscope has the 1X objective built in and all other objectives attach to that. The low, suppressed field of curvature ensures accurate reproduction of the original specimen shape.
- The Olympus SZ61 Binocular Zoom Stereo Microscope features a 6.7:1 zoom ratio along with variable magnification from 6.7 – 45X when used with a 10X eyepiece. The SZ-61R Trinocular Zoom Stereo Microscope is also available that features a trinocular tube with a built in 0.5X C-mount lens for easy compatibility with digital or video [cameras](#).

## Technical Information

| Description                                               | Stock No.               |
|-----------------------------------------------------------|-------------------------|
| <b>Microscope Body (One Required)</b>                     |                         |
| SZ51 Stereo Microscope Body with 45° Binocular            | <a href="#">#88-124</a> |
| SZ61 Stereo Microscope Body with 45° Binocular            | <a href="#">#88-125</a> |
| SZ61 Stereo Microscope Body with 45° Trinocular (C-Mount) | <a href="#">#88-126</a> |
| <b>Stands (One Required)</b>                              |                         |
| Basic Reflected Light Stand with Reversible Stage Plate   | <a href="#">#88-207</a> |
| Transmitted and Reflected LED Light Stand                 | <a href="#">#88-208</a> |
| <b>Eyepieces (Two Required)</b>                           |                         |
| 10X Widefield Eyepieces                                   | <a href="#">#88-108</a> |
| 15X Widefield Eyepieces                                   | <a href="#">#88-109</a> |
| 20X Widefield Eyepieces                                   | <a href="#">#88-110</a> |
| 30X Widefield Eyepieces                                   | <a href="#">#88-111</a> |
| <b>Objectives (One required)</b>                          |                         |
| 0.3X Objective Lens                                       | <a href="#">#88-127</a> |
| 0.4X Objective Lens                                       | <a href="#">#88-128</a> |
| 0.75X Objective Lens                                      | <a href="#">#88-129</a> |
| 1.5X Objective Lens                                       | <a href="#">#88-130</a> |
| 2X Objective Lens                                         | <a href="#">#88-131</a> |
| <b>Optional Accessories</b>                               |                         |
| Ball & Socket Stage for Basic Light Stand                 | <a href="#">#88-123</a> |

| Microscope Body | Zoom Magnification | 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    | Mag.                    | FOV    | Mag.                    | FOV    | Mag.                    | FOV    |
| SZ61            | 0.67X              | 6.7X                    | 32.8mm | 10.1X                   | 23.9mm | 13.4X                   | 18.7mm | 20.1X                   | 10.4mm |
|                 | 1X                 | 10X                     | 22mm   | 15X                     | 16mm   | 20X                     | 12.5mm | 30X                     | 7mm    |
|                 | 2X                 | 20X                     | 11mm   | 30X                     | 8mm    | 40X                     | 6.3mm  | 60X                     | 3.5mm  |
|                 | 3X                 | 30X                     | 7.3mm  | 45X                     | 5.3mm  | 60X                     | 4.2mm  | 90X                     | 2.3mm  |
|                 | 4.5X               | 45X                     | 4.9mm  | 67.5X                   | 3.6mm  | 90X                     | 2.8mm  | 135X                    | 1.6mm  |
| SZ51            | 0.85X              | 8X                      | 27.5mm | 12X                     | 20mm   | 16X                     | 15.6mm | 24X                     | 8.8mm  |
|                 | 1X                 | 10X                     | 22mm   | 15X                     | 16mm   | 20X                     | 12.5mm | 30X                     | 7mm    |
|                 | 2X                 | 20X                     | 11mm   | 30X                     | 8mm    | 40X                     | 6.3mm  | 60X                     | 3.5mm  |
|                 | 3X                 | 30X                     | 7.3mm  | 45X                     | 5.3mm  | 60X                     | 4.2mm  | 90X                     | 2.3mm  |
|                 | 4X                 | 40X                     | 5.5mm  | 60X                     | 4mm    | 80X                     | 3.1mm  | 120X                    | 1.8mm  |

| 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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