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32mm Dia, Fixed Mounting Post for Zeiss Microscopes



#55-618

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Product Details

- 4.3:1 or 6.3:1 Zoom Ratios
- Long Working Distance

- Trinocular Version Available

The Edmund E-Zoom series of Stereo Zoom Microscopes offer an ergonomic design and excellent performance at an incredible price. These microscopes are also ideal for laboratory or production applications and are designed to withstand the rigors of the factory floor environment. The rugged housing has been sealed to prevent contaminants such as dust, oil, and water from interfering with the microscope's performance. The Edmund E-Zoom, with its unique design, allows for use in hot and humid environments without fear of mold. Assembling or inspecting electronic components is also no problem, as electricity is dissipated almost immediately, preventing electrostatic discharge from damaging sensitive samples.

Two zoom ratios are available for increased flexibility. The E-Zoom4 features a 4.3:1 zoom ratio with a magnification range of 0.7X to 3.0X. The E-Zoom6 features a 6.3:1 zoom ratio with a magnification range of 0.8X to 5.0X. The E-Zoom6V features the same optical specifications as the standard E-Zoom6, but with a trinocular port with C-Mount for electronic imaging with any 1/2" sensor C-Mount cameras. Each microscope includes a pair of 10X eyepieces with built-in diopter adjustment, allowing simultaneous viewing of the sample and reticle (sold separately).

Technical Information

| Microscope | Working Distance | WF 10X Eyepieces | | WF 15X Eyepieces | | WF 20X Eyepieces | |
|-----------------------------|------------------|------------------|----------------|------------------|---------------|------------------|---------------|
| | | Mag | FOV | Mag | FOV | Mag | FOV |
| E-Zoom4 | 97mm | 7.0X to 30X | 25.7 to 6.0mm | 11X to 45X | 20.0 to 4.7mm | 14X to 60X | 15.7 to 3.7mm |
| With 0.5X Supplemental Lens | 160mm | 3.5X to 15X | 51.4 to 12.0mm | 5.2X to 23X | 40.0 to 9.4mm | 7.0X to 30X | 31.4 to 7.4mm |
| With 2.0X Supplemental Lens | 50mm | 15X to 60X | 12.8 to 3.0mm | 21X to 90X | 10.0 to 2.3mm | 28X to 120X | 7.9 to 1.8mm |
| E-Zoom6 | 115mm | 8.0X to 50X | 27.5 to 4.4mm | 12X to 75X | 20.0 to 3.2mm | 16X to 100X | 15.6 to 2.5mm |
| With 0.5X Supplemental Lens | 211mm | 4.0X to 25X | 55.0 to 8.8mm | 6.0X to 38X | 40.0 to 6.4mm | 8.0X to 50X | 31.2 to 5.0mm |
| With 2.0X Supplemental Lens | 43.5mm | 16X to 100X | 13.8 to 2.2mm | 24X to 150X | 10.0 to 1.6mm | 32X to 200X | 7.8 to 1.3mm |

| Example Build List for E-Zoom6V Microscope Camera System | |
|--|-------------------------|
| Description | Stock No. |
| E-Zoom6V Head and 10X Eyepieces (with C-Mount Camera Adapter) | #33-198 |
| Rack & Pinion Focusing Mount | #33-195 |
| Ball Bearing Boom Stand | #54-121 |
| 32mm Fixed Column for Boom Stand | #55-618 |
| Your choice of Camera and Lighting * | N/A |

*Choose your preferred Camera (such as [Microscopy Camera](#)), additional Lighting (such as [Microscopy Lighting](#)) and other optional components from our wide selection to complete a video microscope system for industrial inspection or life science application. These are sold separately. Additional connection cables and/or external power supply may be required.