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0.5X Plan Achromatic 0.05 NA for Z Series Microscope



#68-774 + #68-782 + #68-785



Stock **#68-781** [CONTACT US](#)

- 1 + MRP ₹83,898

Price inclusive of all taxes

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Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1-4 | ₹83,898 each |
| Qty 5-9 | ₹79,650 each |
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Product Downloads

General

Plan Achromatic

Type:

Optical Properties

0.5X

Magnification:

| | |
|-------|-------------------------------|
| 0.05 | Numerical Aperture NA: |
| 126.0 | Working Distance (mm): |

Regulatory Compliance

| | |
|---|------------------------------------|
| View | Certificate of Conformance: |
| China | Country of Origin: |
| Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000 | Imported By: |

Product Details

Riser Adapter, [#88-609](#), is required.

- Capable of Achieving Magnifications from 2.4X - 320X
- Modular Design for Maximum Customizability
- Ergonomic Option to Prevent Repeat Use Injuries
- Requires [#88-609](#) for 0.3X or 0.5X Objectives

These Z Series Modular Zoom Stereo Microscopes are the perfect choice to build a new inspection system with easy to use components. With 3 zoom range options and multiple objectives and eyepieces, these systems can be customized to meet your exact needs. Optional components include a photoport insert and C-Mount adapter to connect directly to C-Mount cameras, as well as, [LED Ring Light Illuminators](#). When utilizing the 0.3X or 0.5X objectives, the Riser Adapter, [#88-609](#), is required.

Technical Information

| Description | | | Stock No. |
|-----------------|---|---|-------------------------|
| Main Body | One Required | 0.8X - 8.0X Zoom Body Z Series Microscope, Z10 | #68-772 |
| | | 0.8X - 6.4X Zoom Body Z Series Microscope, Z8 | #68-773 |
| | | 0.8X - 5.0X Zoom Body Z Series Microscope, Z6 | #68-774 |
| Viewing Head | One Required | Binocular Microscope Head 20° Incline | #68-775 |
| | | Ergonomic Microscope Head 0-35° Incline | #68-776 |
| Eyepieces | Two Required | WF 10X Eyepiece with 24mm FOV, Compatible w/ 26.5mm Reticle | #68-777 |
| | | WF 15X Eyepiece with 16mm FOV, Compatible w/ 20.0mm Reticle | #68-778 |
| | | WF 20X Eyepiece with 12.5mm FOV, Not Reticle Compatible | #68-779 |
| Objective | One Required | 0.3X Achromatic Z Series Objective, 0.03 NA, 280mm WD | #68-780 |
| | | 0.5X Plan Achromatic Z Series Objective, 0.05 NA, 126mm WD | #68-781 |
| | | 1.0X Plan Achromatic Z Series Objective, 0.09 NA, 78mm WD | #68-782 |
| | | 2.0X Plan Achromatic Z Series Objective, 0.02 NA, 32.5mm WD | #68-783 |
| Riser Objective | One Required, if using 0.3X or 0.5X Objective | Rise Adapter | #88-609 |
| Stand | One Required | Standard Microscope Stand with 76mm Holder | #68-784 |
| | | Variable LED Microscope Stand with 76mm Holder | #68-785 |

| Objective | Working Distance (mm) | 10X Eyepieces | | | | | |
|-----------|-----------------------|-------------------|-------------|------------------|------------|------------------|--------------|
| | | Z10 (0.8X - 8.0X) | | Z8 (0.8X - 6.4X) | | Z6 (0.8X - 5.0X) | |
| | | Magnification | FOV (mm) | Magnification | FOV (mm) | Magnification | FOV (mm) |
| 0.3X | 280 | 2.4X - 24X | 100 - 10 | 2.4X - 19.5X | 100 - 12.3 | 2.4X - 15X | 100 - 16 |
| 0.5X | 126 | 4X - 40X | 60 - 6 | 4X - 32.5X | 60 - 70.4 | 4X - 25X | 60 - 9.6 |
| 1.0X | 78 | 8X - 80X | 30 - 3 | 8X - 65X | 30 - 3.7 | 8X - 50X | 30 - 4.8 |
| 2.0X | 32.5 | 16X - 160X | 15 - 1.5 | 16X - 130X | 15 - 1.85 | 16X - 100X | 15 - 2.4 |
| Objective | Working Distance (mm) | 15X Eyepieces | | | | | |
| | | Z10 (0.8X - 8.0X) | | Z8 (0.8X - 6.4X) | | Z6 (0.8X - 5.0X) | |
| | | Magnification | FOV (mm) | Magnification | FOV (mm) | Magnification | FOV (mm) |
| 0.3X | 280 | 3.6X - 36X | 66.7 - 6.67 | 3.6X - 29.3X | 66.7 - 8.2 | 3.6X - 22.5X | 66.7 - 10.67 |
| 0.5X | 126 | 6X - 60X | 40 - 4 | 6X - 52X | 40 - 4.9 | 6X - 37.5X | 40 - 6.4 |
| 1.0X | 78 | 12X - 120X | 20 - 2 | 12X - 97.5X | 20 - 2.5 | 12X - 75X | 20 - 3.2 |
| 2.0X | 32.5 | 24X - 240X | 10 - 1 | 24X - 195X | 10 - 1.23 | 24X - 150X | 10 - 1.6 |
| Objective | Working Distance (mm) | 20X Eyepieces | | | | | |
| | | Z10 (0.8X - 8.0X) | | Z8 (0.8X - 6.4X) | | Z6 (0.8X - 5.0X) | |
| | | Magnification | FOV (mm) | Magnification | FOV (mm) | Magnification | FOV (mm) |

| | | | | | | | |
|------|------|----------|----------|----------|---------|----------|---------|
| 0.3X | 280 | 4.8X-48X | 50-5 | 4.8X-39X | 50-6.15 | 4.8X-30X | 50-8 |
| 0.5X | 126 | 8X-80X | 30-3 | 8X-65X | 30-3.7 | 8X-50X | 30-4.8 |
| 1.0X | 78 | 16X-160X | 15-1.5 | 16X-130X | 15-1.85 | 16X-100X | 15-2.4 |
| 2.0X | 32.5 | 32X-320X | 7.5-0.75 | 32X-260X | 7.5-0.9 | 32X-200X | 7.5-1.2 |

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