

## 5X 120i Compact Microscope Kit



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Stock **#71-032** NEW **1 In Stock**

-

1

+

C\$1,890<sup>00</sup>

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| Volume Pricing |                               |
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| Qty 1+         | C\$1,890.00 each              |
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**Note:** This item requires accessories for use | [Learn More](#)

Product Downloads

### SPECIFICATIONS

#### General

**Compatible Tube Lens Focal Length (mm):**  
Focal Length: 120mm

**Type:**  
Microscope Objective

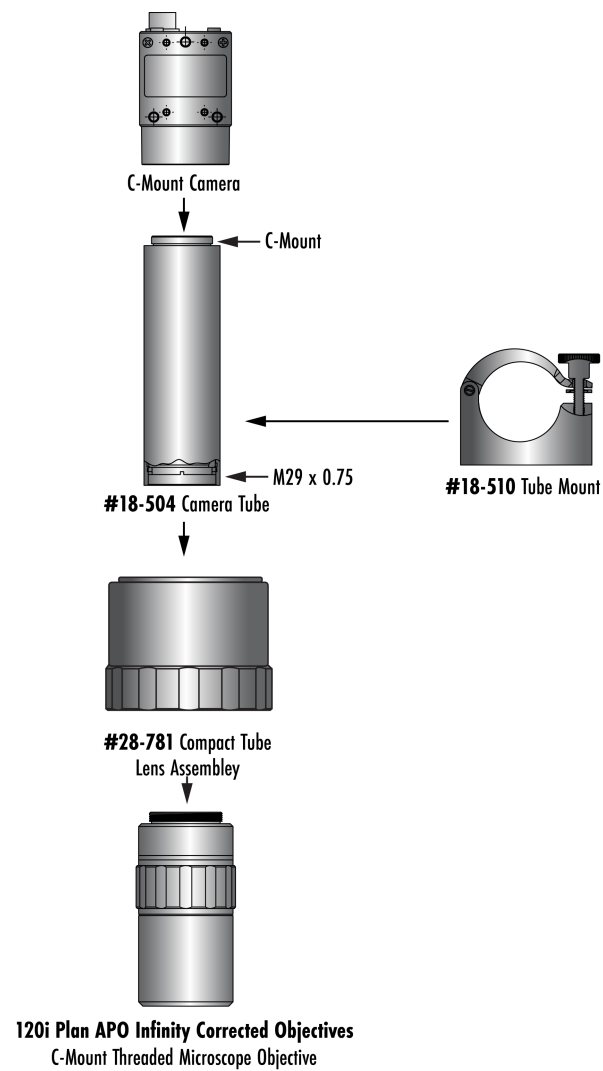
|                                    |                                        |
|------------------------------------|----------------------------------------|
| Infinity Corrected                 | Style:                                 |
| Edmund Optics®                     | Manufacturer:                          |
|                                    |                                        |
| QTY 1 of 15941, 18504, 28781       | Contents of Kit:                       |
| Basic User Assembly Required       | Note:                                  |
| Physical & Mechanical Properties   |                                        |
| 21.50                              | Length (mm):                           |
| 21.50                              | Length excluding Threads (mm):         |
|                                    |                                        |
| 35                                 | Maximum Diameter (mm):                 |
|                                    |                                        |
| 55                                 | Weight (g):                            |
| Optical Properties                 |                                        |
| 1.28                               | Horizontal Field of View, 1/2" Sensor: |
| 1.76                               | Horizontal Field of View, 2/3" Sensor: |
|                                    |                                        |
| 2.56                               | Horizontal Field of View, 1" Sensor:   |
|                                    |                                        |
| 24.00                              | Focal Length FL (mm):                  |
|                                    |                                        |
| 5X                                 | Magnification:                         |
|                                    |                                        |
| 0.14                               | Numerical Aperture NA:                 |
|                                    |                                        |
| 2                                  | Resolving Power (μm):                  |
|                                    |                                        |
| 14.00                              | Depth of Field (μm):                   |
|                                    |                                        |
| 13.5                               | Working Distance (mm):                 |
|                                    |                                        |
| 400 - 700                          | Wavelength Range (nm):                 |
|                                    |                                        |
| 17.6                               | Field Number (mm):                     |
|                                    |                                        |
| 35                                 | Parfocal Length (mm):                  |
| Threading & Mounting               |                                        |
| 1" x 32 TPI                        | Mounting Threads:                      |
| Environmental & Durability Factors |                                        |
| +10 to +40                         | Operating Temperature (°C):            |
|                                    |                                        |
| Regulatory Compliance              |                                        |
| View                               | Certificate of Conformance:            |

## PRODUCT DETAILS

- Optimized Performance up to 1.1" Sensors
- Includes 120i Plan APO Objective, C-Mount Camera Tube, and Compact Tube Lens Assembly
- Ideal for Life Science and Industrial Applications

Edmund Optics® 120i Plan APO Infinity Corrected Objective System combine a 120i Plan APO Infinity Corrected Microscope Objective, a compact tube lens, and a C-mount camera tube for ease of selection and purchase. When assembled with a C-mount camera, this system provides excellent optical performance while reducing system size, weight, and overall length. The infinity corrected objectives are designed for a 1.1" sensor and offer a large field of view and reliable image quality for high-throughput imaging applications. Edmund Optics® 120i Plan APO Infinity Corrected Objective System offer exceptional image flatness and color correction over 400-700nm. These objectives are ideal for a range of life science and machine vision applications including microscopy, flow cytometry, pharmaceutical inspection, and assembly line or fault inspection.

## TECHNICAL INFORMATION



## CUSTOM

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).