

5X 120i Compact Microscope Kit



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

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1

+

A\$2,160⁰⁰

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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General

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

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:
Edmund Optics®

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:	

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](#).

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

