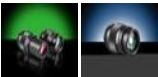


3X Mitutoyo Telecentric Objective

See More by [Mitutoyo](#)



3X (#56-985) & 5X (#56-986)



Stock **#56-985** 4 In Stock

-

1

+

£1,172⁰⁰

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Product Downloads

General	
375-037-1	Model Number:
Microscope Objective	Type:
Finite Conjugate	Style:

Mitutoyo	Manufacturer:
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	Note:
Image is formed 280mm from specimen (170mm from the mounting flange)	

Physical & Mechanical Properties

33.00	Length (mm):
33.00	Length excluding Threads (mm):

30	Maximum Diameter (mm):
55	Weight (g):

Optical Properties

2.10mm	Horizontal Field of View, 1/2" Sensor:
2.90mm	Horizontal Field of View, 2/3" Sensor:

58.51	Focal Length FL (mm):
NA0.09	Aperture (f/#):

3X	Magnification:
0.09	Numerical Aperture NA:

3.06	Resolving Power (μm):
34.00	Depth of Field (μm):

8	Field of View, 24 Diameter Field Eyepiece (mm):
6	Field of View, 18 Diameter Field Eyepiece (mm):

77	Working Distance (mm):
435 - 655	Wavelength Range (nm):

110	Parfocal Length (mm):
N/A	Immersion Liquid:

11.00	Maximum Image Circle (mm):
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Sensor

2/3"	Maximum Sensor Format:
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Threading & Mounting

M26 x36 TPI	Mount:
M26 x36 TPI	Mounting Threads:

Environmental & Durability Factors

+5 to +40	Operating Temperature (°C):
20 - 80%	Operating Humidity:

Regulatory Compliance

Exempt	RoHS 2015:
View	Certificate of Conformance:

Contains SVHC(s)	REACH 241:
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Product Details

- Long Working Distances Allow for Integration into Machine Vision Measurement Systems
- Compact Design and Long Parfocal Length Simplifies Mounting
- [Tube](#) Available for Use with C-Mount Cameras
- Aluminum Alloy Housing

Mitutoyo Telecentric Objectives are ideal for high-resolution, high power machine vision measurement and optical gauging systems. With powers up to 100X, these objectives can be used for semiconductor production and inspection, and in metrology, quality assurance, and R&D laboratories. These objectives are constructed of an aluminum alloy housing. Mitutoyo Telecentric Objectives have a compact design and a long parfocal length that simplifies mounting. They are easily integrated into C-Mount imaging systems with our Mitutoyo C-Mount Camera Tube [#56-992](#).

Edmund Optics is the main source for Mitutoyo Objectives. Place your orders now for these in demand quality products.

Technical Information

Magnification	A	B	C	D	E	Stock No.
1X	49	10	16.5	31.5	31.5	#56-984
3X	33	10	18	25	28	#56-985
5X	49	10	17	25	28	#56-986
10X	59	10	14.5	30	30	#56-987
20X	90	14.5	23	33	39	#87-228
50X	97	14.7	23	33	39	#87-229
100X	104	14.1	23	33	39	#87-230

Mitutoyo Telecentric Objectives

Units: mm