

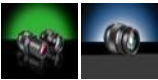
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100X Mitutoyo Telecentric Objective

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



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1

+

£4,672⁰⁰

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Product Downloads

General	
375-053	Model Number:
Microscope Objective	Type:
Finite Conjugate	Style:

Mitutoyo	Manufacturer:
Note: Image is formed 280mm from specimen (170mm from the mounting flange)	
Physical & Mechanical Properties	
104.00	Length (mm):
104.00	Length excluding Threads (mm):
39	Maximum Diameter (mm):
380	Weight (g):
Optical Properties	
0.06mm	Horizontal Field of View, 1/2" Sensor:
0.09mm	Horizontal Field of View, 2/3" Sensor:
1.79	Focal Length FL (mm):
NA0.7	Aperture (f/#):
100X	Magnification:
0.70	Numerical Aperture NA:
0.4	Resolving Power (μm):
0.60	Depth of Field (μm):
0.3	Field of View, 24 Diameter Field Eyepiece (mm):
0.23	Field of View, 18 Diameter Field Eyepiece (mm):
6	Working Distance (mm):
435 - 655	Wavelength Range (nm):
110	Parfocal Length (mm):
N/A	Immersion Liquid:
11.00	Maximum Image Circle (mm):
Sensor	
2/3"	Maximum Sensor Format:
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:

Product Details

- Mtutoyo 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. Mtutoyo 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 Mtutoyo C-Mount Camera Tube [#56-992](#).

Technical Information