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5X Mitutoyo Telecentric Objective

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

Stock **#56-986** **2 In Stock**

- 1 + MRP ₹1,32,219

● Price inclusive of all taxes

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Volume Pricing

Qty 1+	₹1,32,219 each
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General

375-034-1 **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

Length (mm):
49.00

Length excluding Threads (mm):
49.00

Maximum Diameter (mm):
30

Weight (g):
60

Optical Properties

Horizontal Field of View, 1/2" Sensor:
1.28mm

Horizontal Field of View, 2/3" Sensor:
1.80mm

Focal Length FL (mm):
34.74

Aperture (f#):
NA0.13

Magnification:
5X

Numerical Aperture NA:
0.13

Resolving Power (μm):
2.12

Depth of Field (μm):
16.30

Field of View, 24 Diameter Field Eyepiece (mm):
4.8

Field of View, 18 Diameter Field Eyepiece (mm):
3.6

Working Distance (mm):
61

Wavelength Range (nm):
435 - 655

Parfocal Length (mm):
110

Immersion Liquid:
N/A

Maximum Image Circle (mm):
11.00

Sensor

Maximum Sensor Format:
2/3"

Threading & Mounting

Mount:
M26 x 36 TPI

Mounting Threads:
M26 x 36 TPI

Environmental & Durability Factors

Operating Temperature ($^{\circ}\text{C}$):
+5 to +40

Operating Humidity:
20 - 80%

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

REACH 241:
[Compliant](#)

Country of Origin:
Japan

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,

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

