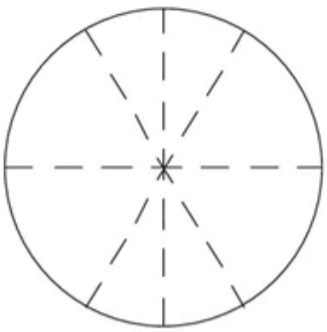


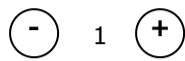
90°/60° Crossline, Reticle

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56-311: 90°/60° Crossline, Reticle

Stock #56-311 **1 In Stock**



MRP ₹17,098

i Price inclusive of all taxes

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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, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91-80-6845 0000

Product Details

- Utilizes Mitutoyo **Infinity Corrected Objectives**
- Trinocular Design Allows for Easy Video Adaptation
- Turret Accepts up to Four Objectives
- Objectives and Light Source Sold Separately

Designed to yield high magnifications at long working distances, the Mitutoyo FS70 Inspection Microscope is an ideal choice for many inspection and quality assurance applications. Incorporating Mitutoyo's full line of visible **infinity-corrected objectives**, the microscope system obtains magnifications from 20X – 8000X and working distances from 6 – 34mm. The focusing eyepieces can accept 25mm diameter reticles. The 50/50 trinocular head features 50mm of coarse movement, 0.1mm/rev of fine movement, and simultaneous video and binocular viewing.

Note: **Objectives** and **illumination** are sold separately.

Technical Information

Mitutoyo FS70 Microscope System (includes #55-999, #56-000, #56-001, #56-002)	#56-003
Microscope Head (One Required)	
Mitutoyo FS70 Microscope Head	#55-999
Microscope Stand (One Required)	
Mitutoyo FS70 Microscope Stand	#56-000
Microscope Eyepieces in Pairs (One Required)	
10X WF Focusing Eyepieces, 24mm Field Dia.	#56-001
15X WF Focusing Eyepieces, 16mm Field Dia.	#56-310
20X WF Focusing Eyepieces, 12mm Field Dia.	#56-004
Microscope Turret (One Required)	
Manual 4 Position Turret for Mitutoyo FS70	#56-002
Motorized 4 Position Turret for Mitutoyo FS70	#56-313
Microscope Stage (Optional)	
2" x 2" XY-Axes Positioning Stage	#56-011
Accessories and Reticles (Optional)	
Fiber Optic Light Guide for FS70, 72" Length	#56-008
Polarizer Set	#56-009
C-Mount Coupler (1X) for Video Adaptation	#56-010
90° Crossline, Reticle	#56-005
Concentric Circles Reticle, 1.2 - 18mm Dia, 1.2mm Increments	#56-007
20mm Line/0.1mm Divisions, Reticle	#56-183
5mm Line/0.05mm Divisions, Reticle	#56-184
90°/60° Crossline, Reticle	#56-311

Stock No.	Objective	WD (mm)	Resolving Power (μm)	10X Eyepiece #56-001		15X Eyepiece #56-310		20X Eyepiece #56-004	
				Mag.	FOV (mm)	Mag.	FOV (mm)	Mag.	FOV (mm)
#58-235	M Plan Apo 1X	11	11	10-20X	24-12	15-30X	16-8	20-40X	12-6
#46-142	M Plan Apo 2X	34	5	20-40X	12-6	30-60X	8-4	40-80X	6-3
#46-143	M Plan Apo 5X	34	2	50-100X	4.8-2.4	75-150X	3.2-1.6	100-200X	2.4-1.2

#66-383	M Plan Apo 7.5X	35	1.3	75-150X	3.2-1.6	112.5-225X	2.13-1.07	150-300X	1.6-0.8
#46-144	M Plan Apo 10X	33.5	1	100-200X	2.4-1.2	150-300X	1.6-0.8	200-400X	1.2-0.6
#46-145	M Plan Apo 20X	20	0.7	200-400X	1.2-0.6	300-600X	0.8-0.4	400-800X	0.6-0.3
#46-146	M Plan Apo 50X	13	0.5	500-1000X	0.48-0.24	750-1500X	0.32-0.16	1000-2000X	0.24-0.12
#46-147	M Plan Apo 100X	6	0.4	1000-2000X	0.24-0.12	1500-3000X	0.16-0.08	2000-4000X	0.12-0.06
#46-398	M Plan Apo 20X SL	30.5	1	200-400X	1.2-0.6	300-600X	0.8-0.4	400-800X	0.6-0.3
#46-399	M Plan Apo 50X SL	20.5	0.7	500-1000X	0.48-0.24	750-1500X	0.32-0.16	1000-2000X	0.24-0.12
#46-401	M Plan Apo 100X SL	13	0.5	1000-2000X	0.24-0.12	1500-3000X	0.16-0.08	2000-4000X	0.12-0.06
#34-247	M Plan Apo 5X HR	25.5	1.3	50-100X	4.8-2.4	75-150X	3.2-1.6	100-200X	2.4-1.2
#58-236	M Plan Apo 10X HR	15	0.6	100-200X	2.4-1.2	150-300X	1.6-0.8	200-400X	1.2-0.6
#58-237	M Plan Apo 50X HR	5.2	0.3	500-1000X	0.48-0.24	750-1500X	0.32-0.16	1000-2000X	0.24-0.12
#58-238	M Plan Apo 100X HR	1.3	0.3	1000-2000X	0.24-0.12	1500-3000X	0.16-0.08	2000-4000X	0.12-0.06

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	90° Crossline, Reticle		#56-005	₹17,735 Request Quote	2 In Stock <input type="text" value="1"/>
MORE+	20mm Crossline/0.1mm Divisions, Reticle		#56-183	₹17,098 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	5mm Line/0.05mm Divisions, Reticle		#56-184	₹17,098 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	Concentric Circles Reticle, 1.2 - 18mm Dia, 1.2mm Increments		#56-007	₹17,098 Request Quote	3 In Stock <input type="text" value="1"/>
MORE+	90°/60° Crossline, Reticle		#56-311	₹17,098 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	C-mount Coupler (1X) for Video Adaptation		#56-010	₹26,338 Request Quote	1 In Stock <input type="text" value="1"/>

	Title	Compare	Stock Number	Price	Buy
MORE+	Polarizer Set		#56-009	₹1,02,483 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	Fiber Optic Light Guide for FS70, 72" Length		#56-008	₹71,154 Request Quote	1 In Stock <input type="text" value="1"/>

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