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20mm Crossline/0.1mm Divisions, Reticle

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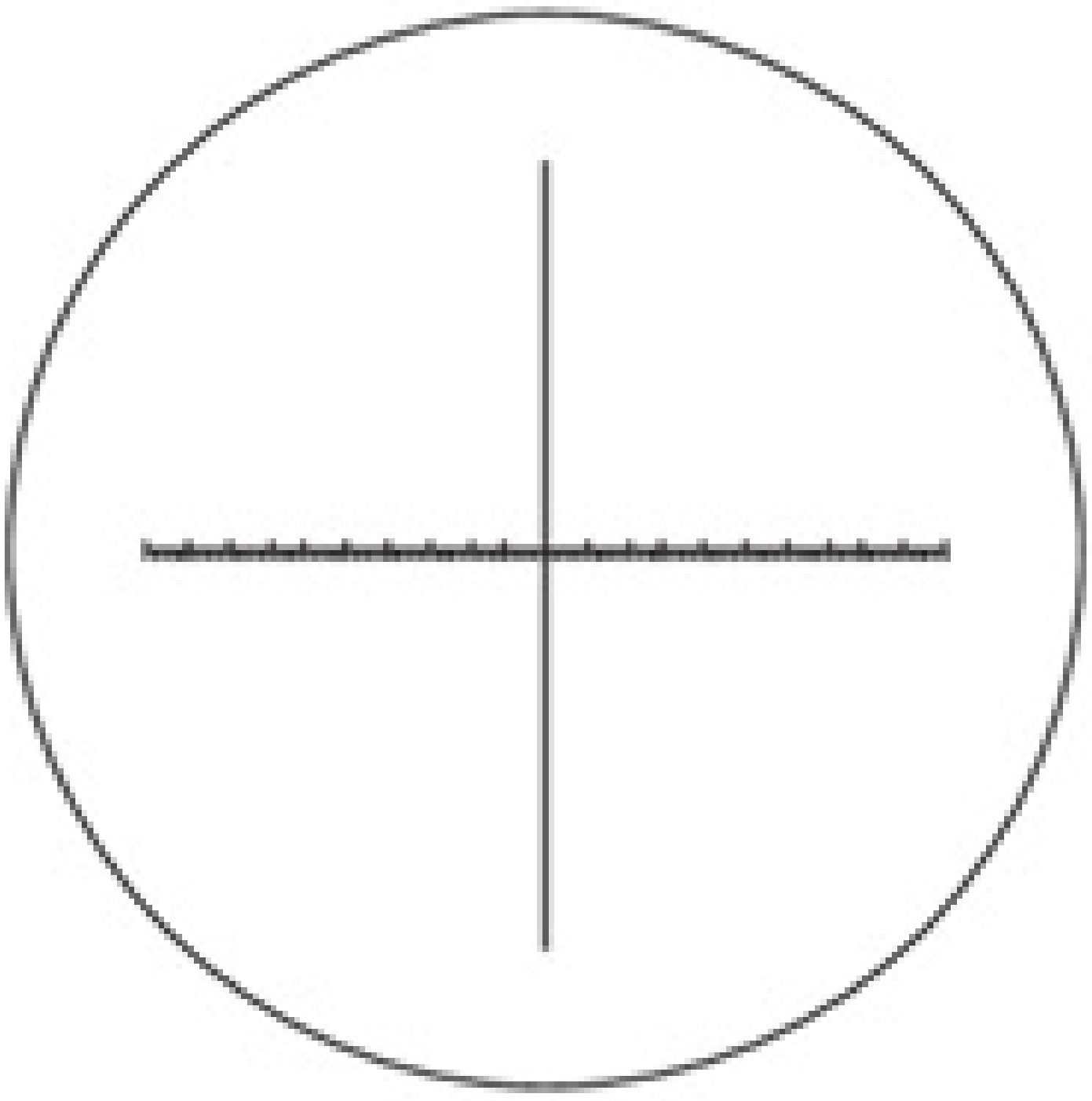

#56-183: 20mm Line/0.1mm Divisions, Reticle

Stock **#56-183** **1 In Stock**

- 1 + **£128.80**

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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

Microscope System	
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	MPlan Apo 1X	11	11	10-20X	24-12	15-30X	16-8	20-40X	12-6
#46-142	MPlan Apo 2X	34	5	20-40X	12-6	30-60X	8-4	40-80X	6-3
#46-143	MPlan Apo 5X	34	2	50-100X	4.8-2.4	75-150X	3.2-1.6	100-200X	2.4-1.2
#66-383	MPlan 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	MPlan 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	MPlan 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	MPlan 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	MPlan 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	MPlan 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	MPlan 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	MPlan 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	MPlan 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	MPlan 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	MPlan 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	MPlan 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

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