



A13.1018

Metallurgical Microscope, Transmit & Reflect Light



Product Specification

Specification A13.1018		A	B
Head	Binocular Head	•	
	Trinocular Head		•
Eyepiece	WF10x/18		
Objective	Infinity Plan Achromatic Objectives 4x/0.1/∞/- WD17.3mm		
	Infinity Plan Achromatic Objectives 10x/0.25/∞/- WD10.0mm		
	Infinity Plan Achromatic Objectives 40x/0.60/∞/0 WD2.9mm		
Stage	Double Layer Mechanical Stage150×140mm/75×50mm		
Nosepiece	Quadruple Nosepiece		
Focusing	Coaxial Fine & Coarse Adjustment		
Illumination	Transmit & Reflected Kohler Illumination, Epi-illuminator With Iris Aperture Diaphragm And Iris Field Diaphragm, 6V/20W Halogen Lamp, Brightness Adjustable		
Filters	Blue		
	Green		
	Yellow		
	Ground Glass		
Optional Accessories		Item No.	
Eyepiece	WF8x/18	A51.1002-8	
	WF12.5x/15	A51.1002-12.5	
	WF10x/18 With 0.1mm Micrometer & Cross Hair	A51.1007-10M	
Objective	Infinity Plan Achromatic Objectives 20x/0.40/∞/- WD5.8mm	A5M.1035-20	
	Infinity Plan Achromatic Objectives 40x/0.65/∞/- WD0.78mm	A5M.1035-40	
	Infinity Plan Achromatic Objectives 50x/0.75/∞/- WD0.32mm	A5M.1035-50	
	Infinity Plan Achromatic Objectives 80x/0.90/∞/- WD0.2mm	A5M.1035-80	
	Infinity Plan Achromatic Objectives 100x/0.90/∞/0 WD0.7mm	A5M.1035-100	
Polarizing	Simple Polarization Set	A5P.1004	
Other	Specimen Presser For Metallurgical Specimen Preparation	A5M.1010	

Can Be Upgraded To A Digital Microscope



- Total magnification: 40x-80x-100x-200x-250x-400x-800x-1000x-2000x-2500x
- Eyepieces: wide field WF10X / 20, WF20X and WF25X
- Objective: infinity-corrected plan field achromatic DIN 4x, 10x, 40x (Spring, WD 2.8mm), 100x (Spring, Dry, WD 0.7mm)
- Head: 30 ° Inclined 360 ° rotatable trinocular Siedentopf head
- Illumination system: 6V / 30W halogen bulb, position adjustable, intensity adjustable, with built-in condenser, iris aperture diaphragm, iris field diaphragm, 2 color filter slots and polarizer / analyzer slots
- Digital camera:
 - True color (18M pixels)
 - Super speed USB 3.0 connection
 - Frame speed: 5.6fps at 4912x3684, 18.1fps at 2456x1842, 32.2fps at 1228x922
 - Software compatible with Windows, Mac OS X and Linux operating systems
 - Capturing microscope images, recording live video, measuring lengths, angles, areas, editing images
 - USB 3.0 cable included

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