



A13.0909

Metallurgical Microscope Transmit & Reflect Light





Head

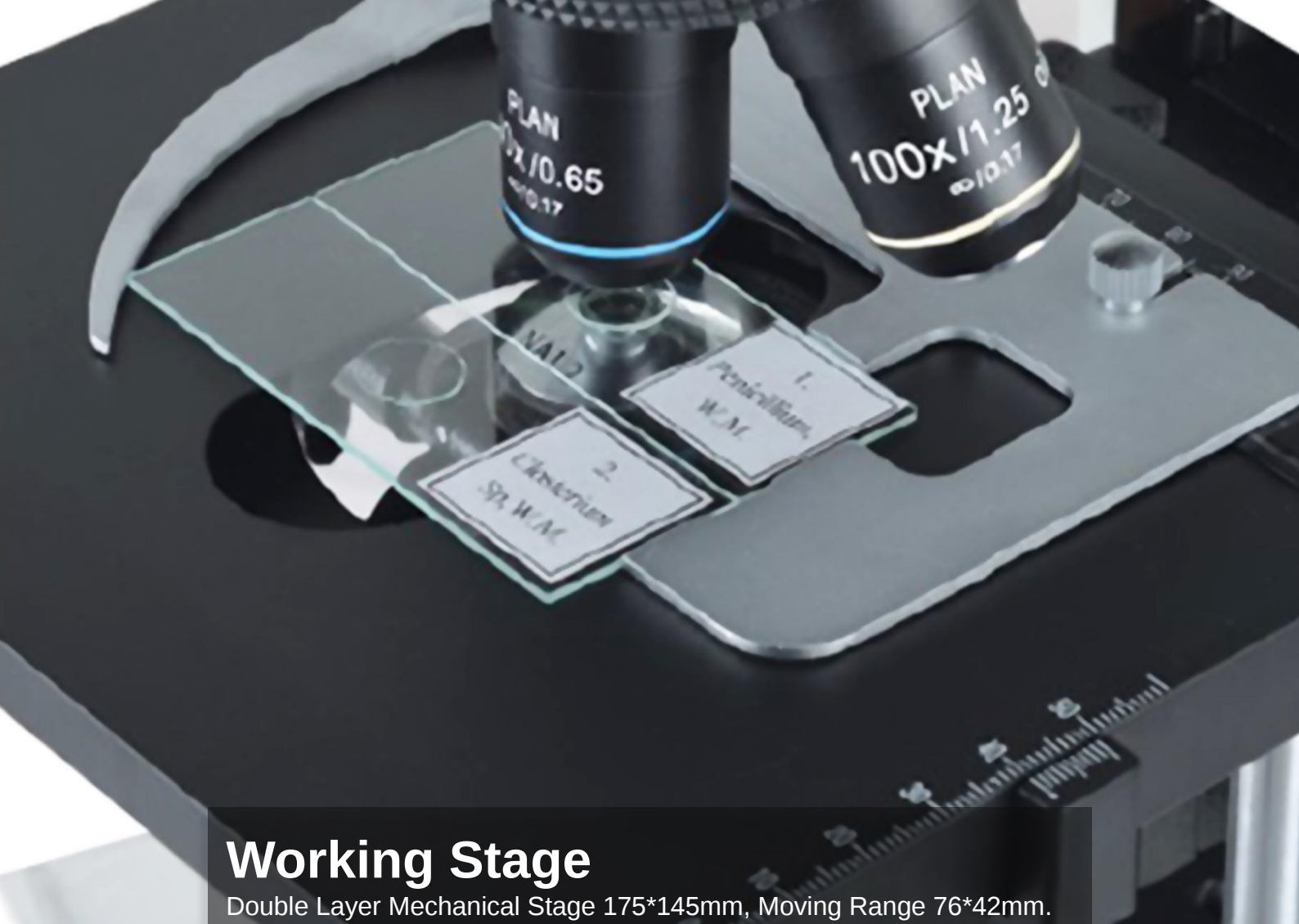
Trinocular Head, Splitting Ratio R:T=100:0 or 0:100, Diopter +/-5 Adjustable



Objectives

LWD Infinity Plan Achromatic Metallurgical Objectives
5x, 10x, 20x, 50x, 100x





Working Stage

Double Layer Mechanical Stage 175*145mm, Moving Range 76*42mm.

--For Reflect Light With Metal Plate

--For Transmit & Reflect Light With Glass Plate.





Condenser

N.A.0.9/0.25 Swing Out Achromatic
Condenser, Applies To 2x~100x Observation.



Safe Carrying Design



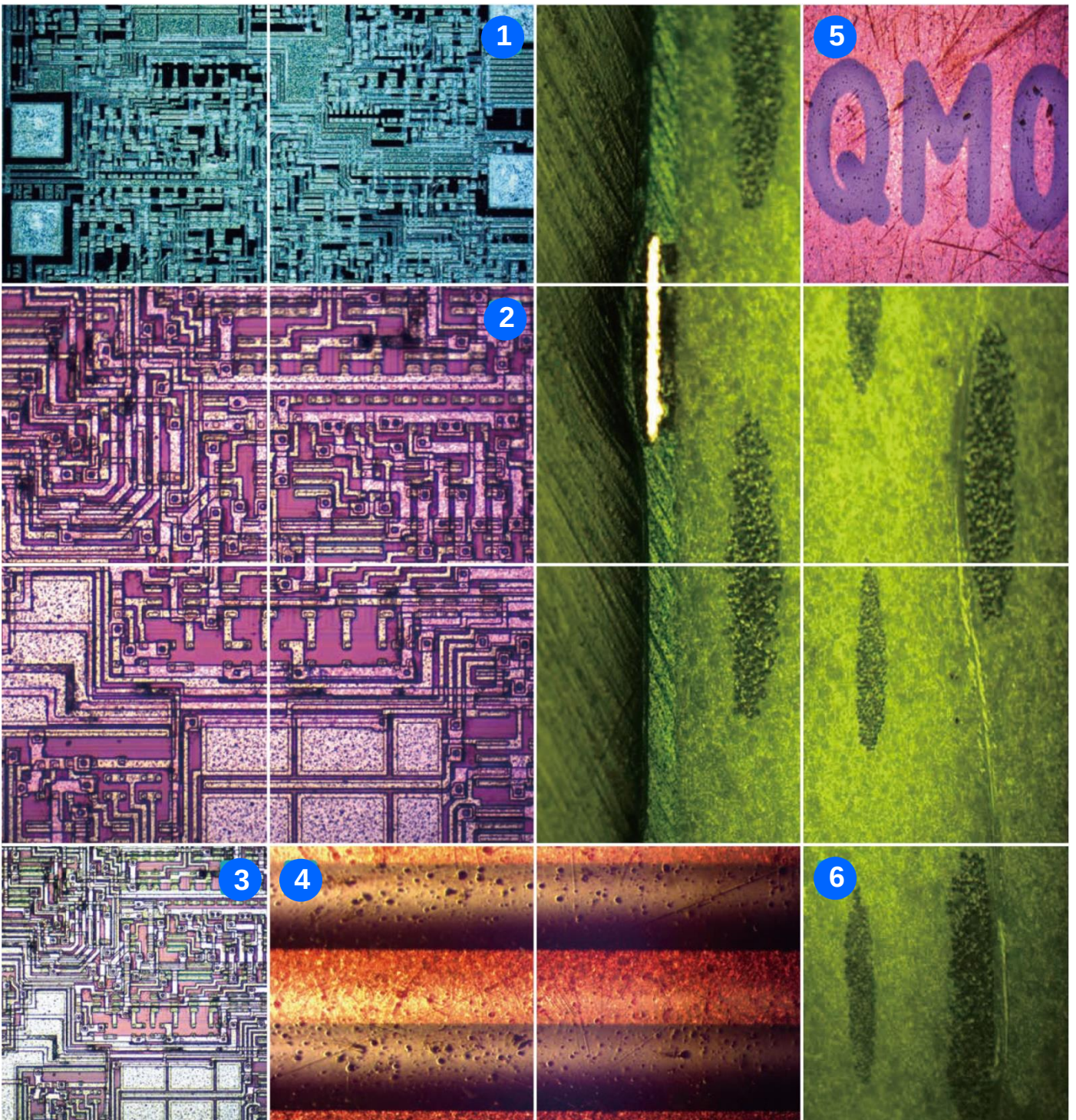
Screwdriver Within Touch



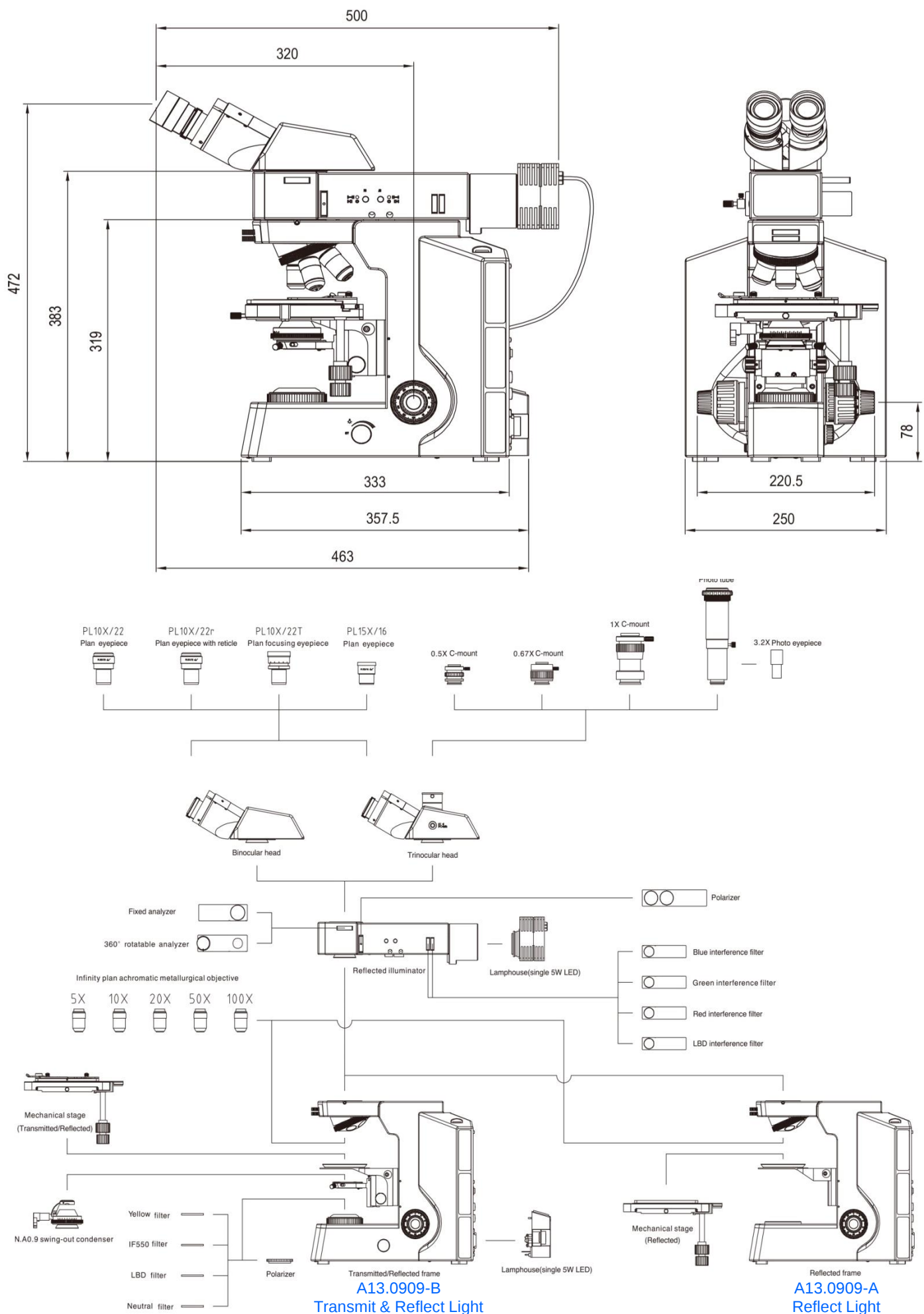
Reflect Illuminator With Oblique Light Device, Center Adjustable Field & Aperture Diaphragm

Observation Effect

- 1 2 3 Bright Field Image
 4 5 Oblique Light Image
 6 Simple Polarizing Image

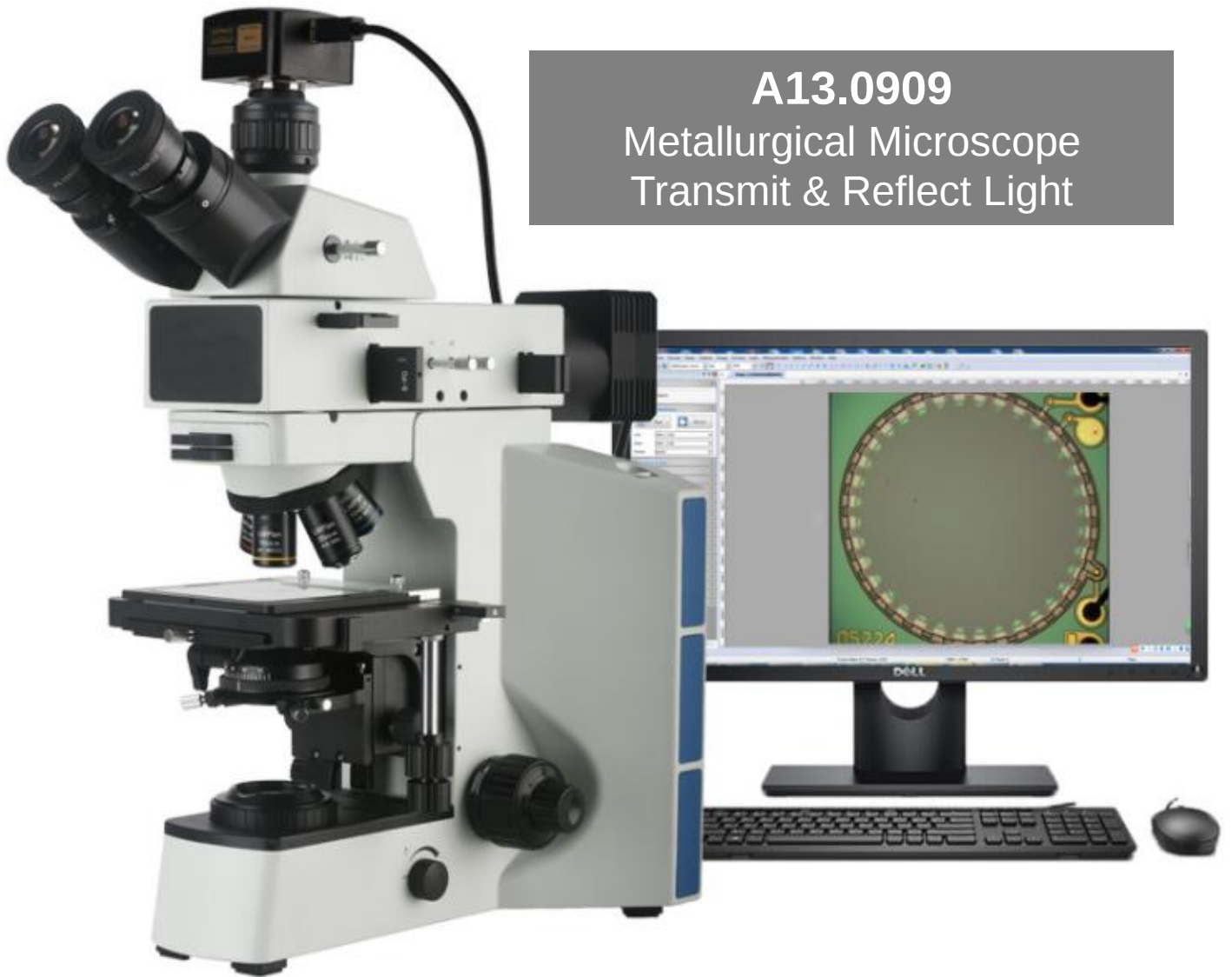


System Diagram & Size(mm)



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Metallurgical Microscope
Transmit & Reflect Light



Specification

A13.0909 Metallurgical Microscope Specification		R	RT
Optical System	Infinity Color Corrected Optical System		
Head	Compensation Trinocular Head, 30° Inclined, 360° Rotatable, Interpupillary Distance 54-75mm, Splitting Ratio R:T=100:0/0:100, Diopter +/-5 Adjustable.		
Eyepiece	High Eye-point Wide Field Plan Eyepiece PL10x22mm		
Objective	LWD Infinity Plan Achromatic Metallurgical Objectives		
	5x LMPL5x/0.15, WD10.8mm		
	10x LMPL10x/0.3, WD12.2mm		
	20x LMPL20x/0.45, WD12.2mm		
	50x LMPL50x/0.55, WD7.9mm		
Nosepiece	5 Holes Revolving Nosepiece, Backward		
Focusing	Coaxial Focus System With Upper Limited And Tension Adjustment, Coarse Range 25mm, Fine Precision 0.002mm		
Working Stage	For Reflect Light	•	
	Double Layer Mechanical Stage 175x145mm, Moving Range 76*42mm, X/Y Moving Coaxial Adjustment, With Metal Plate, Up/Down Range Accept 78mm High Sample		
	For Transmit & Reflect Light		•
	Double Layer Mechanical Stage 175x145mm, Moving Range 76*42mm, X/Y Moving Coaxial Adjustment, With Glass Plate, Up/Down Range Accept 28mm High Sample		
Light Source	Reflect Light	•	•
	Lamp House With Single 5W LED, Warm Color, Koehler Illuminator With Oblique Light Device, Center Adjustable Field And Aperture Diaphragm, Interference Filter Blue <480nm, Green 520~570nm, Red 630~750nm, White Balance		
	Transmit Light		•
	Lamp House With Single 5W LED, Warm Color, Filter: Yellow, Neutral, IF550, LBD, Condenser N.A. 0.9/0.25 Swing-out Achromatic Condenser For Transmit Light, With Center Adjustable Aperture Iris Diaphragm		
Power	Wide Range Voltage 100~240V AC 50/60Hz		
Optional Accessories			
Eyepiece	High Eye-point PL10x/22mm with Micrometer, Diopter Adjustable	A51.0905-1022R	
	High Eye-point PL15x/16mm	A51.0903-1516	
Objective	LWD Infinity Plan Ac hromatic Metallurgical Objectives 100X LMPL100X/0.8, WD2.1mm	A5M.0954-100	
CCD Adapter	1x C-Mount, Focus Adjustable	A55.0926-10	
	0.50x, For 1/2” C-Mount, Focus Adjustable	A55.0926-50	
	0.67x, For 2/3” C-Mount, Focus Adjustable	A55.0926-67	

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