



## Inverted Metallurgical Optical Microscope Trinocular Compound Optical Microscope

Our Product Introduction

for more products please visit us on cnoec.com

### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A13.0909
- Minimum Order Quantity: 1 pc
- Price: FOB \$1~1000, Depend on Order Quantity
- Packaging Details: Carton Packing, For Export Transportation
- Delivery Time: 5~20 Days
- Payment Terms: T/T, West Union, Paypal
- Supply Ability: 5000 pcs/ Month



### Product Specification

- Optical System: Infinity Color Corrected Optical System
- Head: Compensation Trinocular Head
- Highlight: **reflected light microscope, halogen lamp microscope**



### More Images



### Product Description

Inverted Metallurgical Optical Microscope , Compound Optical Microscope

**A13.0909 Metallurgical Microscope, newly developed in 2013.**

--Infinity Color Corrected Optical System With Newly Upgraded Koehler Illumination System, Presents Clear & Bright Micro-image Under Each Magnification.

--Fire-new Ergonomic Design, Steady System Structure, Easy Operation, Suitable For Various Working Environments.

--Newly Designed Integrative **Y-Shape** Body, All Metal Diecasted Under High Pressure. High stability, No Image Dithering Under High Magnification Observation, Ensures The Test Precision Of Multi-channel Fluorescence Diagnosis.

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

--Reflect & Transmit Light Source 5W LED Warm Color With Full Range Filters

Our Product



OPTO-EDU (BEIJING) CO., LTD.

OPTO-EDU

F1101 Wanda Plaza, No.18 Shijingshan Road, Beijing 100043, China  
Tel: +8610 88696020, E-mail: sale@cn.oecc.com

# A13.0909

## Metallurgical Microscope

### Transmit & Reflect Light



### Head

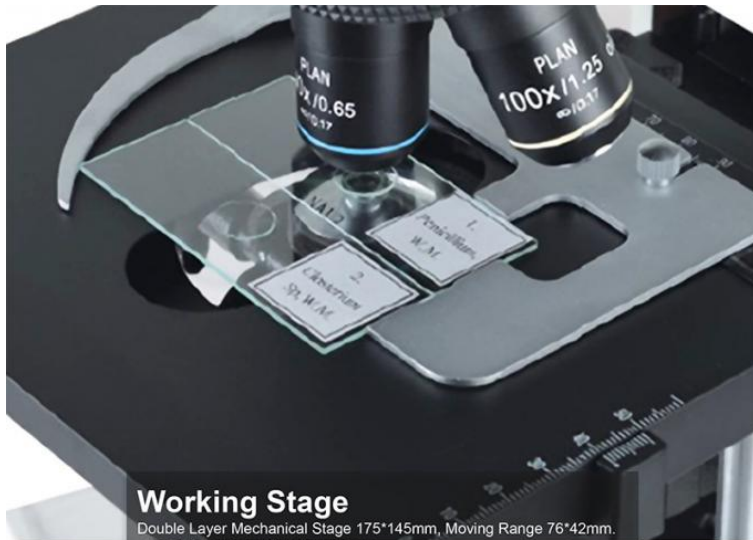
Trinocular Head, Splitting Ratio R:T=100:0 or 0:100, Diopter +/-5 Adjustable



### 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

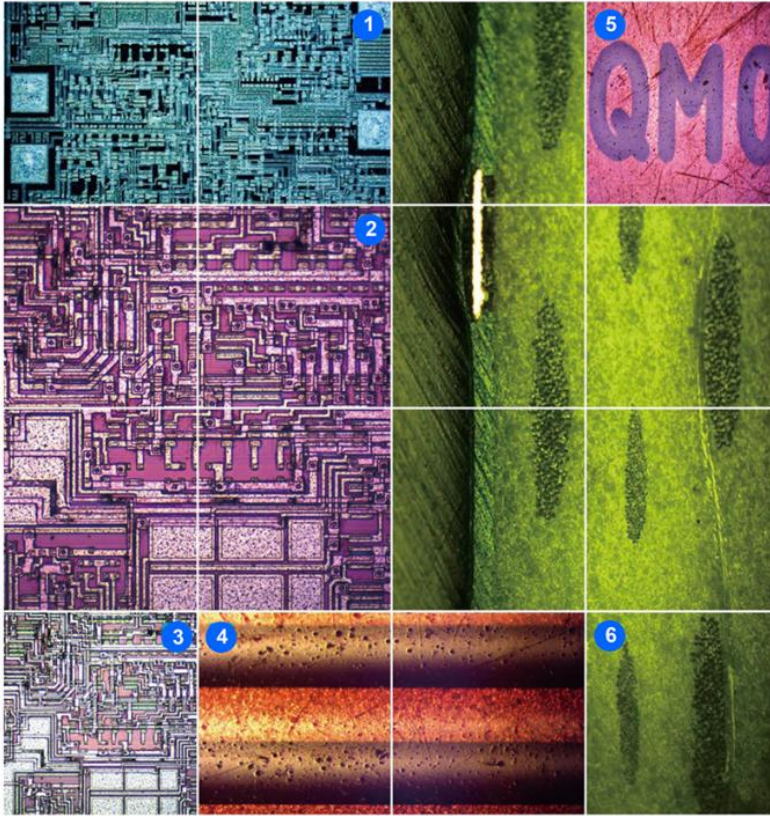




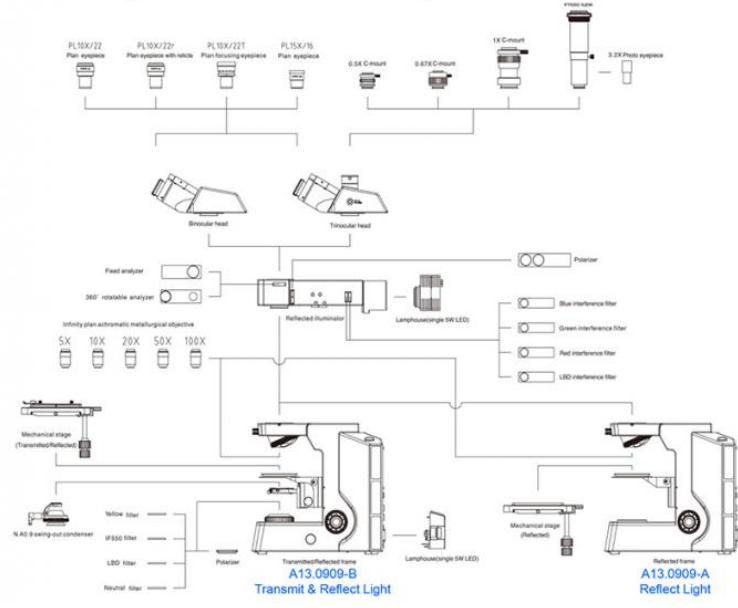
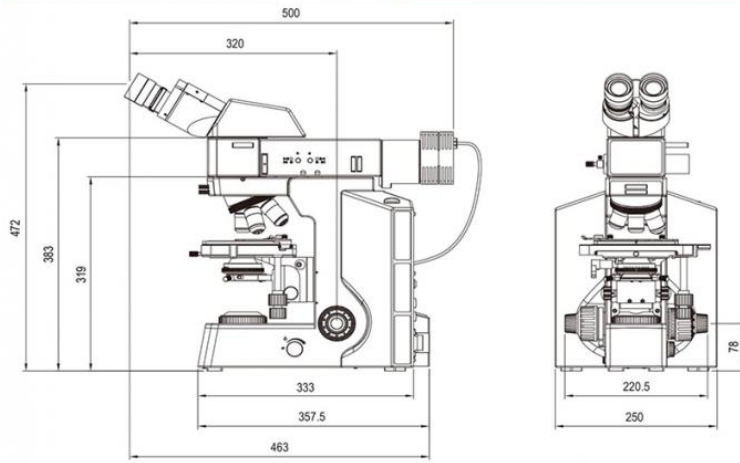
Reflect Illuminator With Oblique Light Device, Center Adjustable Field & Aperture Diaphragm

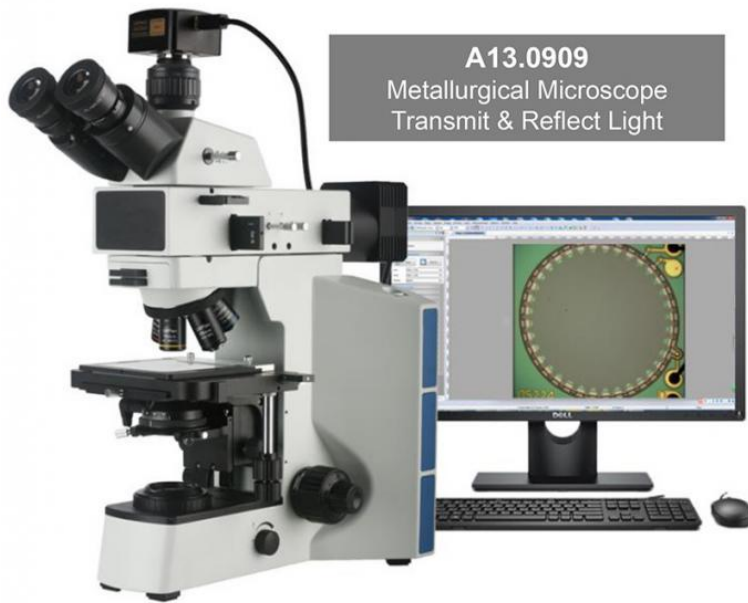
## Observation Effect

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



# System Diagram & Size(mm)





**A13.0909**  
Metallurgical Microscope  
Transmit & Reflect Light



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		
Objective	50x LMPL50x/0.55, WD7.9mm		
	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		
Working Stage	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		
Light Source	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 Achromatic Metallurgical Objectives 100X LMPL100X/0.8, WD2.1mm	A5M.0954-100	
	1x C-Mount, Focus Adjustable	A55.0926-10	
	0.50x, For 1/2" C-Mount, Focus Adjustable	A55.0926-50	

CCD Adapter	0.67x, For 2/3" C-Mount, Focus Adjustable	A55.0926-67
-------------	---	-------------



**Opto-Edu (Beijing) Co., Ltd.**

0086 13911110627    sale@optoedu.com    cnoec.com

F-1501 Wanda Plaza, No. 18 Shijingshan Road, Beijing 100043, China