



OPTO EDU A13.2263 Trinocular Laboratory Transmit Reflect Metallurgical Microscope

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: OPTO-EDU
- Certification: CE, Rohs
- Model Number: A13.2263
- 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

OPTO-EDU



Product Specification

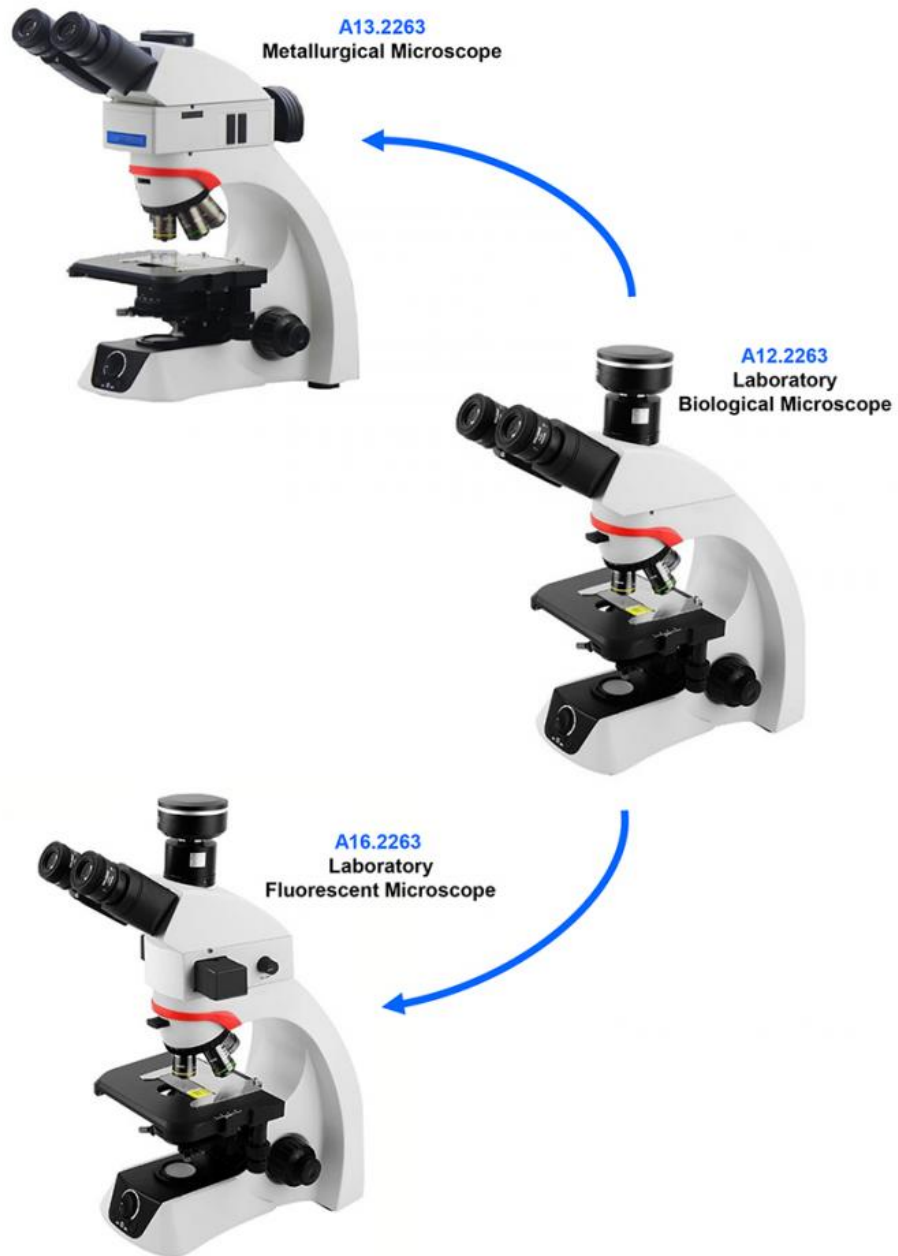
- Optical System: ECGO Infinity Plan Mutual Achromatic Optical System, Confocal 45mm
- Head & Adapter: Trinocular Wide Field Head, Light Split: (50/50), FN=22mm
- Eyepiece: Ultra Wide Field 10x/23mm, Diopter Adjustable -2~+8°, With Eyecup
- Objective: PLCN Infinity Plan Achromatic Objective, Cover Glass 0.17
- Condenser: Abbe Condenser, N.A=1.1, 4x~100x
- Transmit Illumination: SUPERMELED 10W LED Light House, Life Time 60000 Hours
- Highlight: **Laboratory Metallurgical Microscope, Reflect Metallurgical Microscope, Trinocular Laboratory Metallurgical Microscope**

for more products please visit us on cnoec.com

Product Description

Trinocular, Head Inclined 30° Light Switch Split: E50/P50, WF/10XFN22 Eyepiece
 Ultra Wide Infinity Plan Achromatic Objective, 4X, 10X, 20X, 40X, 100X
 5 Holes Coded Nosepiece Support LIM System: ECO & Brightness Memories
 Transmit Light 10W LED Wide Color Band, Reflect LED Metallurgical Illuminator
 Optional C-Mount + Digital Camera, Software Support Scale & Parameter Auto-Switching







► Trinocular Head

Trinocular Ultra Wide Field, FN=23
Light Split: (E50/P50)

► Diopter Adjustable Eyepiece

10X/FN=23mm, With Eyecup, -2~+8°



► Nosepiece

5 Holes Coded Inwards Nosepiece

► Working Stage

Moving Range: 76 mm × 55 mm, Nano Anti-Wear Ceramic Coating Plate, Right Hand XY Moving Knob, With Damping Adjustment Ring

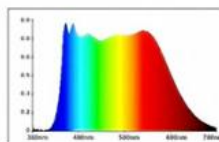
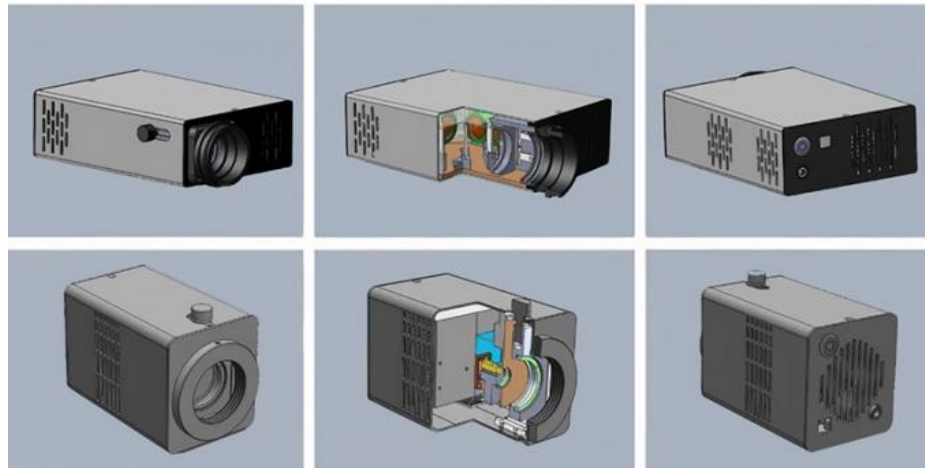
► Infinity Achromatic Objective

Infinity Plan Achromatic Objective: 4x, 10x, 20x, 40x, 100x



► Illumination System

Lumi Cite Ultra-High Brightness, SUPERMLED High-Power And Wide Color Gamut LED Light, 60,000 Hours, 4500K Color Temperature, Sunlight Simulated



High Power and Wide Spectral
White LED Light Source



Ultra High Power and Wide Spectral
White LED Light Source

A12.2263, A13.2263, A16.2263 Specification

OPTO-EDU



A12.2263



A16.2263



A13.2263

Item	A12.2263 Laboratory Microscope Specification	A12.2263 Biological	A16.2263 Fluorescent	A13.2263 Metallurgical	Model No.
Optical System	ECGO Infinity Plan Mutual Achromatic Optical System, Confocal 45mm	BF,DF,PH, POL	BF,FL	BF,POL	
Main Body	C63F Main Body: --5 Holes Coded Inwards Nosepiece --Double Layer Stage, Moving Range 76×55mm, Nano Anti-Wear Ceramic Coating Plate, Right Hand XY Moving Knob, With Damping Adjustment Ring				
Nosepiece	--Coaxial Coarse & Fine Focusing, With Safety Stop Lock Ring & Tension Adjustable Ring,	•	•	•	A54.2201-C63F
Working Stage	Focusing Range 25mm, Coarse Stroke 17.6mm,				
Focusing	Fine Stroke 0.1m, Fine Scale 1μm				
Transmit Light	--Built-in Transmit Kohler Illumination, Light Intensity Management (LIM) System, Brightness Memory Function, ECO Auto-Off Function				

Head & Adapter	Trinocular Wide Field Head, Light Split: (50/50), FN=22mm	●	●	●	A53.2201-CT63
	1.0x C-Mount + Focus Adapter Ring, For Sensor 2/3"~4/3"	○	○	○	A55.2201-1xC
	0.63x C-Mount, For Sensor 1/1.8"~ 2/3"	○	○	○	A55.2201-63xC
	0.5x C-Mount, For Sensor 1/2"~ 1/1.8"	○	○	○	A55.2201-05xC
Eyepiece	Ultra Wide Field 10x/23mm, Diopter Adjustable - 2~+8°, With Eyecup	●	●	●	A51.2201-1023
Objective	PLCN Infinity Plan Achromatic Objective, Cover Glass 0.17				
	4X, N.A=0.10, W.D=17mm, OFN=23	●	●	/	A51.2202-4
	10X, N.A=0.25, W.D=10mm, OFN=23	●	●	/	A51.2202-10
	20X, N.A=0.40, W.D=3mm, OFN=23	●	●	/	A51.2202-20
	40X, N.A=0.65, W.D=0.6mm, OFN=23	●	●	/	A51.2202-40
	60X, N.A=0.80, W.D=3mm, OFN=23	○	○	/	A51.2202-60
	100X, N.A=1.25, W.D=0.25mm, OFN=23	●	●	/	A51.2202-100
	MPLN Infinity Plan Metallurgical Objective, No Cover Glass				
	5x, N.A=0.16, W.D=12mm, OFN=22, M20.32	/	/	●	A5M.2210-5
	10x, N.A=0.3, W.D=10mm, OFN=22, M20.32	/	/	●	A5M.2210-10
	20x, N.A=0.45, W.D=12.5mm, OFN=22, M20.32	/	/	●	A5M.2210-20
	50x, N.A=0.8, W.D=3mm, OFN=22, M20.32	/	/	●	A5M.2210-50
	100x, N.A=0.9, W.D=1mm, OFN=22, M20.32	/	/	●	A5M.2210-100
Condenser	Abbe Condenser, N.A=1.1, 4x~100x	●	●	●	A56.2201-11
	Achromatic Aplanatic Condenser, N.A=1.4, 10x~100x	○	○	○	A56.2201-14
	Swing-out Condenser N.A=0.9, 1.25x~100x (1.25x~4x When Swing Out)	○	○	○	A56.2201-S
Transmit Illumination	SUPERMLED 10W LED Light House, Life Time 60000 Hours, Wide Color Gamut 4500K Color Temperature	●	●	●	A56.2204-1
Reflect Fluorescent Illumination	Epi Fluorescent LED Illuminator, 1 Band, UV	○	A16.2263-UV	/	A5F.2202-UV
	Epi Fluorescent LED Illuminator, 1 Band, B	○	A16.2263-B	/	A5F.2202-B
	Epi Fluorescent LED Illuminator, 1 Band, G	○	A16.2263-G	/	A5F.2202-G
	Epi Fluorescent LED Illuminator, 2 Bands, UV+B	○	A16.2263-UVB	/	A5F.2202-UVB
	Epi Fluorescent LED Illuminator, 2 Bands, UV+G	○	A16.2263-UVG	/	A5F.2202-UVG
	Epi Fluorescent LED Illuminator, 2 Bands, B+G	○	A16.2263-BG	/	A5F.2202-BG
	Epi Fluorescent LED Illuminator, 3 Bands, UV+B+G	○	A16.2263-UVBG	/	A5F.2202-UVBG
Reflect Metallurgical Illumination	Epi Metallurgical LED Illuminator, White Color LED Light House, With Metallurgical BF Module, With Polarizing Slot	/	/	●	A5M.2201-KM
Dark Field	Dark Field Condenser (Dry), N.A=0.92, 10x~100x	○	○	/	A5D.2201-D
	Dark Field Condenser (Oil), N.A=1.4, 10x~100x	○	○	/	A5D.2201-I
Phase Contrast	Universal Turret Phase Contrast Condenser, Support BF, DF, PH1, PH2, PH3	○	○	/	A5C.2201
	Green Filter For Phase Contrast Dia.45mm	○	○	/	A5C.2201-G45
	UPLFLN Infinity Plan Semi-APO FL Phase Contrast Objective			/	
	4x, N.A=0.15, CG=0.17, W.D=12mm, OFN=26.5	○	○	/	A5C.2212-4
	10x, N.A=0.30, CG=0.17, W.D=9mm, OFN=26.5	○	○	/	A5C.2212-10
	20x, N.A=0.65, CG=0.17, W.D=2.3mm, OFN=26.5	○	○	/	A5C.2212-20
	40x, N.A=0.90, CG=0.17, W.D=0.7mm, OFN=26.5	○	○	/	A5C.2212-40
Polarizing	100x, N.A=1.30, CG=0.17, W.D=0.3mm, OFN=26.5	○	○	/	A5C.2212-100
	Transmit Polarizer Filter Dia.45mm, Put On Transmit Light Port	○	○	○	A5P.2201-P45
	Transmit Analyzer, Insert In Nosepiece Slot	○	○	○	A5P.2201-P30
Camera	Transmit Analyzer Holder	○	○	○	A5P.2201-P45H
	3.0M USB 2.0 Camera, Sony 1/2" Color CMOS, Work With 0.5x C-Mount	○	○	○	A59.2271-3M
	6.3M USB 3.0 Camera, Sony 1/1.8" Color CMOS, Work With 0.5x/0.63x C-Mount	○	○	○	A59.2271-6.3M
	20M USB 3.0 Camera, Sony 1" Color CMOS, Work With 1x C-Mount	○	○	○	A59.2271-20M
	30M, USB3.0, Aptina 1/2.2" Color CMOS, With Software, With 0.5x C-Mount	○	○	○	A59.2273-30M

Other	8.0M USB 3.0 Fluorescent Camera, Sony 1" Color CMOS, Work With 1x C-Mount	/	○	/	A59.2272-8M
	12.8M USB3.0 Fluorescent Camera, Sony 1" Color CMOS, Work With 1x C-Mount	/	○	/	A59.2272-12.8M
	Immersion Oil 8ml, Reflect Ratio=1.518, Low Viscosity (135CST)	●	●	/	A50.2201-1
	Allen Key 4#, 3#	●	●	●	A50.2204-3

A12.2263, A13.2263, A16.2263 Accessories

OPTO-EDU



A54.2201-C63F
Main Body



A5M.2201-KM



A5F.2202



A55.2201-1xC



A55.2201-63xC



A55.2201-05xC



A51.2201-1023



A51.2202 (PLCN Infinity Plan Achromatic Objective, Cover Glass 0.17)



A5M.2210 (MPLN Infinity Plan Metallurgical Objective, No Cover Glass)



A5C.2212 (Phase Contrast Objective: UPLFLN Infinity Plan Semi-APO FL Phase Contrast Objective)



A56.2201-S



A56.2201-11



A56.2201-14



A56.2204-1



A5D.2201-D



A5D.2201-I



A5P.2201-P45



A5P.2201-P30



A5P.2201-P45H



A59.2271-3M



A59.2271-6.3M



A59.2271-20M



A5C.2201



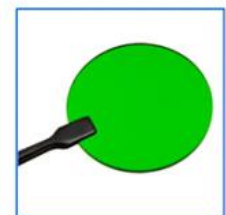
A59.2272-8M



A59.2272-12.8M



A59.2273-30M



A5C.2201-G45



Opto-Edu (Beijing) Co., Ltd.

0086 13911110627

sale@optoedu.com

cnoec.com

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