



OPTO-EDU A13.2220 Infinity Trinocular Metallurgical Microscope Semi-APO BD Coded 5 Holes Nosepiece

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,
- Model Number: A13.2220
- 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 Plan Achromatic Optical System Confocal: 60mm
- Focusing System: Focusing Range: 25mm Coaxial Coarse And Fine Focusing System With Safety Stop Lock Ring & Tension Adjustable, Coarse Stroke 17.6mm, Fine Division 0.1m, Fine Scale: 1 μ m
- Viewing Head: Ultra Wide Field Trinocular Head, Light Split: (50/50) FN=26.5 Upright Image Head Inclined
- Eyepiece: Ultra Wide Field Diopter Adjustable 10X/FN=25mm With Eyecup - 2~+8°
- Objective: Infinity Semi-APO BD Objective: 5x 10x 20x 50x 100x
- Nosepiece: 5 Holes Coded Manual Operating Nosepiece, M32
- Highlight: **Infinity Metallurgical Microscope, Semi-APO Metallurgical Microscope,**



A12.2220

Laboratory Microscope, Trinocular, Coded Quintuple, Infinity Plan
Achromatic Objectives: 4X,10X,20X,40X,100X Objectives

A13.2220

Metallurgical Microscope, Trinocular, Coded Quintuple, Infinity
Semi-APO Objectives: 5X,10X,20X,50X,100X Objectives





A13.2220
Metallurgical Microscope



A12.2220
Laboratory
Biological Microscope



A16.2220
Laboratory
Fluorescent Microscope



Reflect Fluorescent Illuminator



► Trinocular Head

Trinocular Ultra Wide Filed, FN=26.5
Light Split: (E0/P100, E50/P50, E100/P0)

► Diopter Adjustable Eyepiece

10X/FN=23mm,With Eyecup, -2~+8°





► **Nosepiece**
5 Holes Coded Manual Operating Nosepiece, M25

► **Working Stage**
Moving Range: 76 mm × 55 mm. 3"X2", Nano Anti-Wear Ceramic Coating Surface. Right Hand XY Moving Knob. With Damping Adjustment Ring



► **Nosepiece**
5 Holes Coded Manual Operating Nosepiece, M32

► **Working Stage**
4"X4", Nano Anti-Wear Ceramic Coating Surface. Right Hand XY Moving Knob

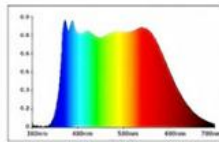
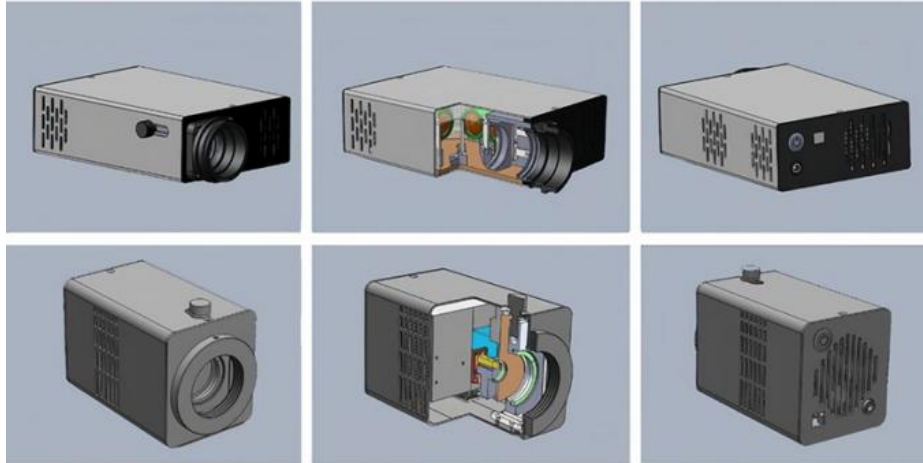
► Infinity Achromatic Objective

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



► Illumination System

Lumi Cite Ultra-High Brightness, SUPERLED 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

A12.2220, A13.2220 Specification



A12.2220

A13.2220

Item	A12.2220 Laboratory Microscope, A13.2220 Metallurgical Microscope Specification	Model. No	A12.2220	A13.2220
Optical System	Infinity Plan Mutual Achromatic Optical System, Confocal: 60mm			
Focusing System	Focusing Range: 25mm, Coaxial Coarse And Fine Focusing System With Safety Stop Lock Ring & Tension Adjustable, Coarse Stroke 17.6mm, Fine division 0.1mm, Fine Scale: 1µm			
Head	Ultra Wide Field Trinocular Head, Light Split: (0/100,50/50,100/0) FN=26.5	A53.2201-FTW	●	○
	Ultra Wide Field Trinocular Head, Light Split: (50/50) FN=26.5 Upright Image Head Inclined	A53.2201-FTWA	○	●
	Wide Field Trinocular Head, Light Split: (50/50) FN=25 Upright Image Head Inclined: 0~45°		○	○
	Wide Field Trinocular Head, Light Split: (0/100,50/50) FN=23		○	○
Eyepiece	Wide Field Diopter Adjustable, 10X/FN=23mm, With Eyecup, -2~+8°	A51.2201-1023	●	○
	Ultra Wide Field Diopter Adjustable, 10X/FN=25mm, With Eyecup, -2~+8°	A51.2201-1023	○	●

	Wide Field Diopter Adjustable ,10X/FN=25mm,With Eyecup,-2~+8°		○	○
	Wide Field Diopter Adjustable ,10X/FN=26.5mm,With Eyecup ,-2~+8°		○	○
Nosepiece	5 Holes Coded Manual Operating Nosepiece, M25	A54.2202-11	●	
	5 Holes Coded Manual Operating Nosepiece, M32	A54.2202-12		●
	5 Holes Coded Motorized Nosepiece		○	○
Objective	Infinity Semi-APO BD Objective: 5x ,10x,20x,50x,100x	A5M.2227	○	●
	Infinity Plan Achromatic Objective: 4x ,10x,20x,40x,100x	A52.2210	●	○
	Infinity Semi-APO Biological Objective: 4x ,10x,20x,40x,100x		○	○
	Infinity Semi-APO FL Objective: 4x ,10x,20x,40x,100x		○	○
	Infinity Apochromatic FL Objective: 4x ,10x,20x,40x,100x		○	○
	Infinity Plan Achromatic Metallurgical Objective: 5x ,10x,20x,50x,100x		○	○
	Infinity Plan Semi-APO Metallurgical Objective: 5x ,10x,20x,50x,100x		○	○
	Infinity Semi-APO Metallurgical LWD 95mm Objective: 5x,10x,20x,50x,100x		○	○
	Infinity Apochromatic Metallurgical Objective: 5x ,10x,20x,50x,100x		○	○
Working Stage	Moving Range:76 mm × 55 mm ,3"X2", Nano Anti-Wear Ceramic Coating Surface,Right Hand XY Moving Knob,With Damping Adjustment Ring	A54.2204-2	●	○
	4"X4", Nano Anti-Wear Ceramic Coating Surface ,Right Hand XY Moving Knob	A54.2204-3	○	●
Condenser	Abbe Condenser,N.A=1.1,4X~100X		○	○
	Swing-out Condenser N.A=0.9,1.25X~100X(Support 1.25X~4X when swing out)	A56.2201	●	●
	Multi-Function Condenser,Surpports Bright Field, Dark Field, Polarizing,N.A=1.1,4X~100X		○	○
	Achromatic Aplanatic Condenser,N.A=1.4,10X~100X		○	○
	Dark Field (Dry),N.A=0.92,10X~100X		○	○
	Dark Field (Oil),N.A=1.4,10X~100X		○	○
Specimen Clip	Specimen Clip, Left Hand, Double Slide Holder	A54.2204-C1	●	
	Metallurgical Specimen Clip,4"X4"Manual Operating Glass Plate, For Tansmitation And Reflection	A54.2204-C2		●
Illumination System	Built-In Kohler Illumination System, ECO, Brightness Memories-LIM Control Function, Self-Power Supply (Power Output 18V/1A) & Support Body Switching To Control Reflection Illumination, SUPERMLEDTM Large Power(18W) Wide Color Gamut LED Light House, LIM- Brightness Density Adjustment Function And ECO (Power Save Function), Lifetime: 60000 Hours,4500K Color Temperature		●	●
	Reflection System			
	EPI Reflect Illuminator, with BF & DF Module, With Polarizing Slot	A5M.2201-LV1	/	●
	Reflect Metallurgical Illuminator,LED White Light,Brightness Field Reflection Module,With Polarizing Slot		○	/
	Reflect Fluorescent Illuminator,LED Fluorescent,Surpports DAPI/FITC/TxRED (Single Color, Double Color And Triple Color)		○	/
Video Adapter	1X C-Mount,For 2/3"~ 4/3"Sensor		○	○
	0.63X C-Mount,For 1/1.8"~ 2/3"Sensor (For A53.2201-STWA Use)	A55.2201-63xA	○	●
Camera	6.3 Million Pixel CMOS Camera, Including OPLENIC Pro Software of Image Acquisition, Measurement and Processing	A59.2272-6.3M	○	○



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