



OPTO-EDU Infinity Trinocular Metallurgical Microscope with 5 Holes Nosepiece 60000 Hours Life Time and 4500K Color Temperature

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE,
- Model Number: A13.2253
- 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
- Focusing System: Focusing Range: 27mm Coaxial Coarse And Fine Focusing System With Safety Stop Lock Ring & Tension Adjustable
- Viewing Head: Trinocular Ultra Wide Head Light Split: 0/100 50/50 FN=23
- Eyepiece: Ultra Wide Field, Diopter Adjustable 10 X/ FN=23mm
- Objective: Infinity Semi-Apo EPI BD Objective : 5x, 10x, 20x-L, 50x-L, 100x-L
- Nosepiece: 5 Holes Center Adjustable Manual Operating Nosepiece
- Highlight: **Infinity Metallurgical Microscope, Semi-APO Metallurgical Microscope, 5 Holes Metallurgical Microscope**

Product Description

OPTO-EDU A13.2253 Infinity Trinocular Metallurgical Microscope Semi-APO EPI BD 5 Holes Nosepiece



A13.2253
Metallurgical Microscope



A12.2253
Laboratory
Biological Microscope



A16.2253
Fluorescent Microscope



Key Features

Trinocular Head

- Trinocular ultra wide field, 30° inclined
- Rotatable upright image

- Light split options: (E0/P100, E50/P50) or (E0/P100, E50/P50, E100/P0)



Diopter Adjustable Eyepiece

- Interpupillary: 50mm-80mm
- Diopter adjustable -2~+8° with eyecup
- Three field number specifications: FN = 23mm, 25mm, 26.5mm
- Diameter: 30mm



Nosepiece & Working Stage

- 6 holes coded manual operating nosepiece, RMS
- Manual operating stage, 3"X2"
- Nano anti-wear ceramic coating stage
- Right-handed XY coaxial adjustment with damping adjustment ring



Achromatic Objective

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



Condenser & Light Source

- Abbe Condenser, N.A=1.1, 4X~100X
- SUPERMLED™ Large Power Wide Color Gamut LED Light House
- 60,000 hours lifespan, 4500K color temperature



Button Control Magnification Switching

- Easy magnification switching via body-mounted button
- Prevents pollution, wear, and looseness from direct lens contact



Fluorescent Illuminator

- Epi-Fluorescent Illumination, 4 holes
- Built-in UV, Blue, Green excitation module
- Polarizing slot included



High-Precision Electric Platform

- Stepper motor design with same connection as manual stage
- Easy upgrade with single bolt installation
- Long X-axis travel accommodates 1-4 standard slides
- Integrated control software for all electronic components

A12.2253, A13.2253, A16.2253 Optional

OPTO-EDU

Technical Specifications

Item	A12.2253 Laboratory Biological	A16.2253 Fluorescent	A13.2253 Metallurgical
Optical System	ECGO Infinity Plan Mutual Achromatic Optical System, Confocal: 45mm	●	●
Standard Observation Method	BF	BF,FL	BF/DF
Optional Observation Method	DF,PH,PL,FL	DF,PH,PL	PL, DIC

Additional Features

- Tool-free disassembly and assembly of reflective filter blocks
- Lens anti-mildew treatment with special coating
- Excellent optical properties with new ECGO infinite bidirectional chromatic aberration calibration system
- Maintenance-free long-life light source with SUPERMLEDIM technology
- Antibacterial coating on all contact points
- Automatic light intensity management function
- USB output for computer control of microscope components



A54.2201-S53F
Manual Main Body



A54.2201-S53F2
Full Motorized Main Body



A54.2201-SA



A53.2201-ST01



A53.2201-ST02



A55.2201-1xC



A53.2201-ST03



A53.2201-ST04



A55.2201-1xA



A55.2201-63xA



A55.2201-63xB



A55.2201-63xC



A55.2201-05xC





A5M.2211 (Metallurgical BF Objective: MPLFLN Infinity Plan Semi-Apo EPI BF Objective)



A5M.2212 (Metallurgical BF Objective: NEOPLAN Infinity Semi-APO FL EPI BF Objective)



A5M.2215 (Metallurgical BF/DF Objective: MPLFLN Infinity Plan Semi-APO EPI BD Objective)



A5M.2216 (Metallurgical BF/DF Objective: MXAPO Infinity Plan Semi-APO FL EPI BD Objective)



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



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