



Motorized Metallurgical Laboratory Microscopes 50X - 1000X A13.1010

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A13.1010
- 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

- Application: Research, Metallurgical
- Certification: CE, Rohs
- Drawtube: Trinocular
- Illumination: Halogen Lamp, LED
- Magnification: 50X - 1000X
- Theory: Metallurgical Optical Microscope
- Highlight: **reflected light microscope, bright field microscope**



More Images



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Product Description

Motorized Metallurgical Laboratory Microscopes 50X - 1000X A13.1010

Description:

A13.1010 Motorized Auto-Focus BF/DF Metallurgical Microscope, is an ideal instrument for industry inspection and science research laboratory.

- Integrate the advantages of modern aesthetics and the edge of disciplines to achieve the automation of microscopes in lab.
- Four motor drive, objective nosepiece, stage and coarse & fine adjustment can be controled manually or motorized.
- Adoption of progressive technological digitl dimmer, which divided the brightness of halogen lamp into 100 step.
- Megapixels camera system, USB 2.0 plugs and play, real time preview is up to 30 fps
- Built-in dynamic focusing system, auto-focus without computer
- Auto-Focusing, High precision positioning leading screw stage, quickly receiveing the clearest images by auto-focus.
- Auto slice scanning, recognizing are controlled by the computer
- Bright/Dark Field Metallurgical microscope
- Full range BF/DF Objectives included
- Polarization system optional
- Powerful transmitted and reflected system with Kohler illumination.
- Network remote control system for real-time teaching etc.

Specifications:

A13.1010 Specification		A	B
Optical System	Infinity optical system		
Head	Seidentopf trinocular viewing head, inclined at 30°, interpupillary distance 48mm-75mm		
Eyepiece	Extra Wide Field Eyepiece EW 10x/22		
Objective	Infinity Plan Achromatic Objectives 5x/ 0.12/ ∞/ - (BF)		
	Infinity Plan Achromatic Objectives 10x/ 0.25/ ∞/ - (BF/DF)		
	Infinity Plan Achromatic Objectives 20x/ 0.4/ ∞/ 0 (BF/DF)		
	Infinity Plan Achromatic Objectives 50x/ 0.75/ ∞/ 0 (BF)		
	Infinity Plan Achromatic Objectives 100x/0.9/∞/0 (BF)		
	Infinity Plan Achromatic Objectives 40x/0.66/∞/0.17		
			●
Stage	Leading screw stage precision 1μm		
	Specimen holder		
	Specimen preparation plate		
	Slide glass		
			●
Nosepiece	Quintuple nosepiece		
Camera	1.3 Mega Pixels CMOS Chip		
	Resolution ratio:1280x1024		
	Maximum frame rate: 1280x1024 15f/s		
	Maximum frame rate: 1024x960 20f/s		
	Maximum frame rate: 600x480 30f/s		
	Maximum frame rate: 352x288 30f/s		
	Maximum frame rate: 320x240 30f/s		
	Maximum frame rate: 176x144 30f/s		
	Maximum frame rate: 160x120 30f/s		
	Responsivity: 1.8v@550um/lux/s		
Exposure: Manuanl or auto exposure,time adjustable (1-500ms)			
SNR: 45dB			
Adapter	3 BF/DF adapter		
Maximum Sample Height	30mm		
Hardware	USB2.0 cable		
	USB DOG		
	The control box of N-800D motorized auto-focus microscope		
	9-PIN control port line		
	25-PIN control port line		
	9-PIN serial port line		
	Motorized auto-focus microscope control software		
	Adapter		
Focusing	Auto focus resolution 1μm		
Reflected Illumination	24V/100W Halogen light, lightness adjustable		
	Kohler illumination and aspherical condenser		
	Blue,Green,Yellow and Ground glass		
Transmitted Illumination	Swing-out condenser N.A.0.9/ 0.25		
	24V/ 100W Halogen light and aspherical condenser		
	Blue filter		
			●
			●
			●

	Optional Accessories	Item No.
Objective	Infinity Plan Achromatic Objectives 40x/0.6/∞/0 (BF/DF)	A5M.1036-40
	Infinity Plan Achromatic Objectives 50x/0.75/∞/0 (BF/DF)	A5M.1036-50
	Infinity Plan Achromatic Objectives 100x/0.8/∞/0 (BF/DF)	A5M.1036-100
Filter	ND25	A5F.1011-25
	ND6	A5F.1011-6
Video	C Mount 1x	A55.1002-10
Attachment	C Mount 0.5x	A55.1002-05
Other	Specimen Presser	A50.1010





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