



## Laboratory Research Polarization Microscope Binocular A15.0203

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A15.0203
- Minimum Order Quantity: 1 pc
- Price: Negotiation
- 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, Laboratory
- Certification: CE, Rohs
- Drawtube: Binocular
- Illumination: Halogen Lamp
- Magnification: 40X - 600X
- Theory: Polarizing Light Microscope
- Highlight: **student compound microscope , compound light microscope**



## Product Description

### Laboratory Research Polarization Microscope Binocular A15.0203

#### Description:

**A15.0203** series transmitted and reflected polarization microscopes are utilized polarize light to observe and research the matter which have double refraction features, the user can make single polarizing observation, orthoscopic observation, conoscopic observation. They are applied in geology, chemicals, physic and leechdom fields. They are also widely used to observe the crystal of liquid macromolecule polymer, biomedical polymer and liquid crystal. They are the ideal instruments for scientific research and universities teaching demo.

#### Features

- Transmitted, Reflected, transmitted/reflected illumination can be choosn
- Equipped with strain-free plan objectives(center adjustable) and wide field eyepiece
- Coaxial coarse/fine focus system with tensional adjustable and up stop, minimum division of fine focusing: 2μm
- Rotatable stage, 360° graduated in 1° increments, minimum retardation resolution 6' center adjustable and with tightener Stage vertical effective movement up to 30mm
- Wide voltage range power supply (85-265V 47-60HZ), 6V20W halogen lamp, brightness adjustable

#### Specifications:

Specification	A15.0203 Polarizing Microscope		
Model	A Transmitted	B Transmitted & Reflected	C Reflected
Eyepiece	Wide field WF10x/18mm		
	Division eyepiece 10x/18mm 0.10mm/div		
Objective , Center Adjustable	Strain-free plan achromatic objective (cover glass:0.17mm) PL 4X/0.10	Strain-free plan achromatic objective (no cover glass) PL 5X/0.12	
	Strain-free plan achromatic objective (cover glass:0.17mm) PL 10X/0.25	Strain-free plan achromatic objective (no cover glass) PL L 10X/0.25	
	Strain-free plan achromatic objective(cover glass:0.17mm) PL 40X/0.65 (spring)	Strain-free plan achromatic objective (no cover glass) PL L40X/0.60 (spring)	
	Strain-free plan achromatic objective(cover glass:0.17mm) PL 60X/0.85 (spring)	Strain-free plan achromatic objective (no cover glass) PL L 60X/0.75 (spring)	
Reflected Illumination		Rotatable Polarizer	
		6V 20w, halogen lamp, adjustable brightness	
Transmitted Illumination	Polarizer 360° rotatable, have 0,90,180,270 four scale		
	Collector for halogen lamp illumination		
	Illumination 6V 20w, halogen lamp, adjustable brightness		
	Abbe condensor N.A. 1.25, rack & pinion adjustable		
Eyepiece Tube	Trinocular head, inclination of 30°,can send 100% of the image light to top photography port		
Polarizing Attachment	Built-in analyzer, can switch to normal observe or polarizing observe freely, 90° rotatable with scale, minimum retardation resolution 12'		
	Bertrand lens, impellent style, center adjustable		
	λ compensator		
	λ/4 compensator		
Nosepiece	Quarts wedge compensator		
	Quadruple (Frontward ball bearing inner locating)		
Focus System	Coaxial coarse/fine focus system, with tension adjustable and limit stopper, minimum division of fine focusing: 0.002mm		
Stage	Rotatable stage, Diameter Φ150mm, 360° graduated (in 1degree increments), minimum retardation resolution 6' center adjustable and with tightener		

Optional Accessories		Item No.
Eyepiece	Wide field WF16X( $\Phi$ 11mm)	A51.0203-16A
Objective	Strain-free plan achromatic objective(cover glass:0.17mm) PL 20X/0.40	A51.0231-20
	Strain-free plan achromatic objective(cover glass:0.17mm) PL 100X/1.25 (Oil ,spring)	A51.0231-100
	Strain-free plan achromatic objective(no cover glass) PL L 20X/0.40	A51.0233-20
	Strain-free plan achromatic objective(no cover glass) PL L 50X/0.70	A51.0233-40
	Strain-free plan achromatic objective(no cover glass) PL L 80X/0.80	A51.0233-80
	Strain-free plan achromatic objective (Dry) (no cover glass) PL L 100X/0.85 (Spring)	A51.0233-100
Nosepiece	Quadruple (Frontward ball bearing inner locating),adjust the center of objective	A54.0202-7
Slide Moving Holder	Moving range: 30mmX25mm	A54.0209-2
CCD adapter	0.4x	A55.0202-01
	0.5x	A55.0202-04
	1x	A55.0202-02
	0.5x with dividing 0.1mm/Div	A55.0202-03
Camera	DV-1 With USB & video output	A59.0204-A1
	DV-2 With USB output	A59.0204-B2
	DV-3 With video output	A59.0204-C2
Photo Adapter	2.5x/4x change over photograph attachment with 10x viewing eyepiece	A55.0201-01
	4x focusing photograph attachment	A55.0201-02
	MD adapter	A55.0201-03
	PK adapter	A55.0201-04
Digital Camera Adapter	For Canon EF ditigal SLR camera adapter	A55.0204-02



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