

zygon

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ZPM-201 ABA POLARIZING MICROSCOPE



Polarizing Microscope, Transmit & Reflect

- Super Wide Field Eyepiece: SWF10x/22mm. Eyepiece Dia.30mm Diopter Adjustable
- The Eyepiece Tube has fix screw to prevent the eyepiece from falling and damaging it during movement
- Trinocular Head Light Split Optional Between Switch E100:P0/E0:P100 & Fixed E80:P20
In Fixed Light Split, Eyepiece 80% : Photo 20% User Can View Image At Same Time In Both Path
In Switch Light Split, Eyepiece 100%:Photo 0% / Eyepiece 0%:Photo 100%, Camera Can Have 100% Light For Photo Capture.
- Large Size High Precision Centering Quintuple Nosepiece, Non-Stress Infinity Plan Objective (Transmitting) 4x,10x,20x,40x Available
- Analyzer Rotatable 360°, Module Type, can be locked
- With Bertrand Lens Built-in Focus Adjustable, With Compensator Slide, Quartz Wedge Slide Slot

Specifications

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Head	Professional Polarizing Seidentopf Trinocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance 48-76mm, Light Split Switch E100:P0/E20:P80, Eyepiece Tube Dia.30mm Joint move design: Specially for Polarizing Microscope, To keep the right side eyepiece's cross in view field- keep in a vertical direction even when the eyepiece tube is turned
Eyepiece	WF10x/20mm, Dia.30mm, High Eyepoint, Diopter Adjustable WF10x/20mm, Dia.30mm, With Micrometer X-0.1mm*180 Div / Y-Single Line, Diopter Adjustable, With a Position Pin for joint move
Nosepiece	Quintuple, Center Adjustable
Non-Stress Infinity Plan Objective (Transmitting)	PLAN 4x/0.10, W.D.=12.1mm PLAN 10x/0.25, W.D.=4.64mm PLAN 20x/0.40(S), W.D.=2.41mm PLAN 40x/0.66(S), W.D.=0.65mm

Specifications

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Non-Stress LWD Infinity Plan Objective (Reflecting)	LPL50x/0.70(S) W.D.=1.95mm
Working Stage	Round Stage Diameter Φ 174mm, For Transmit Light, Rotatable 360°, Division 1', Vernier Division 6', can be locked
Condenser	Swing Out Condenser, N.A.0.9/0.13, With Polarizer Lens at the bottom, with scale, can be locked
Polarizer	Analyzer Media Unit, between Head and Body, Analyzer 0°~360°Adjustable, can be locked, With Bertrand Lens Built-in Focus Adjustable, Compensator Slide, With λ Slip (First Class Red) Compensator Slide, With $\lambda/4$ Slip Quartz Wedge Slide (I-IV Class) Polarizer Lens, Built-in Bottom Part Of Condenser
Focusing	Coaxial Coarse & Fine Focusing, Coarse Focusing Travel Range: 22mm, Fine Focusing Div. 0.002mm
Illumination	<ul style="list-style-type: none">- Transmit Light 5W LED Koehler Illumination, Powered By Safety Low Voltage Charger, Input Wide Voltage 100V-240V, Output 5V1A, supports Power Bank supply for outdoor use- Reflect Light 5W LED Koehler Illumination, Powered By Safety Low Voltage Charger, Input Wide Voltage 100V-240V, Output 5V1A, supports Power Bank supply for outdoor use
Field Diaphragm	For Kohler Illumination
Package & Weight	Carton Size 520×470×430mm, 1 Unit/Ctn, Gross Weight: 15.0 kgs, Net Weight: 11.5 kgs

Optional Accessories

Specifications

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Non-Stress LWD Infinity Plan Objective (Reflecting)	LPL5x/0.13, W.D.=16.04mm LPL10x/0.25 W.D.=18.48mm LPL20x/0.40 W.D.=8.35mm LPL100x/0.90(S,Dry) W.D.=110mm
Working Stage	Attachable Mechanical Stage For Polarizing Microscope, Moving Range 40x40mm Attachable Mechanical Stage For Polarizing Microscope, Moving Range 30x45mm, Leica Type, Avoid Hitting Objective Lens
Polarizing Unit	Quartz Wedge Slide (0-IV Class) Long Type
Illumination	Transmit Light 6V30W Halogen Koehler Illumination, Wide Voltage 100V~240V Reflect Light 12V50W Halogen Koehler Illumination, Wide Voltage 100V~240V
Power	ECO, Auto Power Off System. Power Off Automatically Upon User Leaving 10 Minutes, Power On Automatically Upon User Approaching Detected, This Function Can Be Shut Down Manually

Optional Accessories

Specifications

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Filter

Dia.45mm, Blue
Dia.45mm, Green
Dia.45mm, Yellow

Adapter

C-Mount 0.5x, Focus Adjustable
C-Mount 0.75x, Focus Adjustable
C-Mount 1.0x, Focus Adjustable
Digital Eyepiece Camera Adapter, Dia. 23.2mm/25mm