

**zygon**

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# **ZBM-201 ABA BIOLOGICAL MICROSCOPE**



## Biological Microscope

- Ideal Lab Microscope Modular Design To Upgrade Freely
- Creative 100x Water Objective Instead Of Oil Objective For Easy Use & Clean
- Large Mechanical Stage 175x145mm/76x52mm With Double Slide Holder
- Standard 3W LED Koehler Illumination, Upgrade To Halogen 20W/30W Optional

### Specifications

### ZBM-201 ABA

Head	Seidentopf Binocular Head Inclined 30°, Rotatable 360°, Interpupillary Distance 48-75mm
Eyepiece	WF10X/20mm (High Eyepoint)
Nosepiece	Quintuple, Backward
Infinity Plan Objective	PLAN 4X/0.10, W.D.=12.10mm PLAN 10X/0.25, W.D.=4.64mm PLAN 40X/0.66(S), W.D.=0.65mm PLAN 100X/1.25(S, Oil), W.D.=0.12mm
Working Stage	Mechanical Stage Size 185 mm×145mm, Travel 76mm×52mm, Scale: 0.1mm, Double Slide Holder
Focusing	Coaxial Coarse & Fine Focusing, Coarse Focusing Travel Range: 22mm, Fine Focusing Div. 0.002mm
Condenser	Abbe Condenser N.A.1.25, Iris Diaphragm, Rack & Pinion Up/Down
Illumination	3W LED Koehler Illumination, Field Diaphragm Powered By Safety Low Voltage Charger, Input Wide Voltage 100V-240V, Output 5V1A, Support Power Bank Supply For Outdoor Use
Field Diaphragm	For Kohler Illumination

# Optional Accessories

## Specifications

## ZBM-201 ABA

Head	Seidentopf Trinocular Head Inclined 30°, Rotatable 360°, Interpupillary Distance 48-75mm, Light Split Switch E100:P0/E0:P100'
Infinity Plan Objective	PLAN 2.5X/0.07,W.D.=8.47mm PLAN 20X/0.40(S),W.D.=2.41mm PLAN 60X/0.80(S),W.D.=0.33mm PLAN 100X/1.15(S,Water),W.D.=0.19mm
Working Stage	Rackless (Integrated) Mechanical Stage, Size 182×140mm, Travel Range 77×52mm, Double Slide Holder
Condenser	Swing-out Condenser, N.A.0.9/0.13, Iris Diaphragm
Illumination	12V20W Halogen Koehler Illumination, With Field Diaphragm Power Supply Wide Voltage 100V~240V 6V30W Halogen Koehler Illumination, With Field Diaphragm Power Supply 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
Filter	Dia.45mm, Blue Dia.45mm, Green Dia.45mm, Yellow
Dark Field	Dark Field Condenser, Dry, N.A.0.83-0.91, For 4x10x40x Objective Dark Field Condenser, Immersion, N.A.1.3, For 100x Objective
Polarizing	Analyzer + Polarizer Set
Phase Contrast	<ul style="list-style-type: none"><li>- Infinity Plan Phase Contrast Objective 10x + Phase Contrast Slide 10x + Phase Contrast Condenser + Telescope 11x + Green Filter</li><li>- Infinity Plan Phase Contrast Objective 20x + Phase Contrast Slide 20x + Phase Contrast Condenser + Telescope 11x + Green Filter</li><li>- Infinity Plan Phase Contrast Objective 40x + Phase Contrast Slide 40x + Phase Contrast Condenser + Telescope 11x + Green Filter</li><li>- Infinity Plan Phase Contrast Objective 100x + Phase Contrast Slide 100x + Phase Contrast Condenser + Telescope 11x + Green Filter</li><li>- Turret Phase Contrast Attachment Infinity Plan Phase Contrast Objective 10x20x40x100x, Turret Phase Contrast Condenser 5-Holes, Telescope 11x, Green Filter</li></ul>
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
Package	Carton Size 542×265×350mm, 1 Unit/Ctn
Weight	Gross Weight: 12 kgs, Net Weight: 10 kgs