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# **ZBM-301 ABP BIOLOGICAL MICROSCOPE**

# Biological Microscope

## ZBM-301 ABP

ZBM-301 ABP Inverted Phase Contrast Microscope, is newly designed multi-functional microscope which adopts infinity optical system, provides excellent optical function. The ultra long working distance condenser is suitable for tissue observation in high culture dish.

The illumination system used 9W LED to supply high brightness light with well considered heat spreading and safety. The main body was designed with modern looking and man-machine engineering. It is applicable to scientific research institution, colleges, university, medical and health, inspection and quarantine agency, agricultural, animal husbandry and dairy industry.



Inverted Biological Phase  
Contrast Microscope



Large Working Stage  
224x205mm, Moving Stage  
112x77mm

LWD Condenser W.D.70mm  
With Phase Contrast Slide



WF10x/22 Eyepiece, Bright  
Field LWD Infinity Plan  
10x20x40x



## Specifications

## ZBM-301 ABP

<b>Total Magnification</b>	100x-400x
<b>System</b>	Infinity Optical System, Mechanical Tube Length $\infty$ , Conjugate Distance $\infty$
<b>Head</b>	Trinocular Head, 45° Inclined, 360° Rotatable, Interpupillary Distance 55~75mm, Light Split Switch E80:P20/E100:PO, Eyepiece Tube Butterfly 360° Rotatable
<b>Eyepiece</b>	WF10x/22mm, Eyepiece Tube Dia. 30mm, Parfocal Distance 10mm Centering Telescope Eyepiece 10x
<b>Nosepiece</b>	Quarduple
<b>Objective</b>	<i>LWD Infinity Plan Bright Field Objective</i> 10x/0.25, W.D.4.27, Cover Glass 1.2mm 20x/0.40, W.D.8.0, Cover Glass 1.2mm 40x/0.60, W.D.3.5, Cover Glass 1.2mm  <i>LWD Infinity Plan Positive Phase Contrast Objective</i> PHP2 10x/0.25, W.D.4.27mm, Cover Glass 1.2mm
<b>Phase Contrast</b>	Phase Contrast Slide, For 10x,20x,40x Objectives, Center Adjustable
<b>Focus</b>	Coaxial Coarse & Fine Focus Knob, With Tension Adjustable And Limit Stopper, Minimum Division 0.002mm, Focusing Range 11mm
<b>Working Stage</b>	Mechanical Stage Size 224x208mm, With Detachable Moving Stage Moving Range 112x79mm, Culture Dish Holder 86x129.5mm, For Circular Culture Dish Dia.87.5mm Culture Dish Holder 34x77.5mm, For Circular Culture Dish Dia.68.5mm Culture Dish Holder Inverted Biological Phase Contrast Microscope, Upgradeable To DIC, PM WF10x/22 Eyepiece, Bright Field LWD Infinity Plan 10x20x40x, Large Working Stage 224x205mm, Moving Stage 112x77mm LWD Condenser W.D.70mm With Phase Contrast Slide LWD Infinity Plan Phase Contrast Objective, Hoffman Objective, DIC Objective57x82mm
<b>Condenser</b>	Long Working Distance Condenser, W.D. 70mm, With Phase Contrast Slide Slot
<b>Filter</b>	Blue Filter, Frosted Glass
<b>Light source</b>	Transmit Light High Power 9W LED, Brightness Adjustable, For Phase Contrast Observation And Ultra-Long Working Distance View In Culture Dish