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# **ZBM-100 AA BIOLOGICAL MICROSCOPE**

# Biological Microscope

## ZBM-100 AA

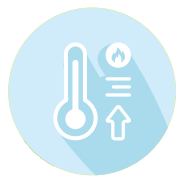
ZBM-100 AA series laboratory biological microscope adopts ergonomic design, with smooth lines and beautiful appearance. With intelligent LCD digital display window, it has ACT color temperature switching function, and EDF depth of field extension and image stitching function.



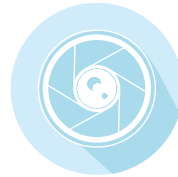
Intelligent LCD graphic display window



ECO smart sensor function



ACT Color temperature switching function



Achromatic objective lens:  
4X, 10X, 40X (spring),  
100X (spring, oil)



Adjustable binocular tube,  
30° tilt, lens tube can be  
rotated 360°



Observe physical specimens  
and have auxiliary lighting  
functions



## Specifications

## ZBM-100 AA

Total Magnification	40X-1000X
Observation Tube	Binocular, 30° inclined, 360° rotatable
Eyepiece	WF10X/18mm
Objective Lens	PH Infinity Achromatic Objective 4X 10X 40X (Spring) 100X (Spring, Oil)
Nosepiece	Four Holes Nosepiece
Stage	Curved double-layer mechanical platform, 140x140mm, stroke 76x52mm
Focusing Mechanism (Gear Drive)	Coarse and fine movement coaxial, adjustable elasticity, Coarse movement stroke: 28mm, micro movement accuracy: 0.002mm
Condensor	Abbe condenser, NA=1.25, iris diaphragm, center adjustable, handwheel lifting
Collecting Mirror	Critical illumination (Kohler illumination), adjustable field diaphragm
Upper Light Source	USB flexible light, 360° lighting without any blind spot
Bottom Light Source	3W color temperature adjustable LED, compound eye lighting, brightness adjustable, color temperature adjustable, right-side insertion and removal
Intelligent Sensing Device	30 minutes delay induction shutdown
Photoelectric Smart Display	LED intelligent display of the working status of the up and down lights and battery power
Power Supply	External regulated power adapter DC 5V/2A, Rechargeable battery 3.7V-1600mAh