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ZBM-100 AC BIOLOGICAL MICROSCOPE

Biological Microscope

ZBM-100 AC

ZBM-100 AC is a biological microscope. It has excellent optical system design, and easy to observe and use. A variety of configurations are available, which can be connected to cameras, electronic eyepieces, etc. It can be used for teaching research, clinical experiment and scientific research analysis of biology, pathology, bacteriology, etc. in education institutions, medical and health, laboratories and scientific research institutes.



Intelligent LCD graphic display window



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



Adjustable monocular tube,
45° tilt, lens tube can be
rotated 360°



Diopter adjustable and no
distortion eyepiece



External switching power
supply (adapter),
AC100V-240V, DC5V/2A



Coarse adjustment stroke:
22mm, fine adjustment
accuracy: 0.002mm



Specifications

ZBM-100 AC

Total Magnification	40X-1600X
Observation Tube	Monocular TV, 45° inclined, 360° rotatable
Eyepiece	WF10X/18mm, WF 16X/15mm
Objective Lens	195mm Achromatic Objective 4X, 10X, 40X (Spring), 100X (Spring, Oil)
Nosepiece	Inner clined quadruple nosepiece, ball bearing inner locating
Stage	Double-layer mechanical sliding stage, area: 115mm x 125mm, 140mm x 132mm (optional) Moving range: 76mm×52mm, with two slide clips
Focusing Mechanism (Gear Drive)	Coaxial coarse and fine focusing knob, with hand wheel tightness adjustment and random positioning device, coarse focusing range 22mm, fine focusing graduation: 0.002mm
Condensor	Abbe condenser N.A=1.25, lift up and down, center adjustable, iris diaphragm
Upper Light Source	1W LED cold light source with lens (Non-standard, optional)
Bottom Light Source	LED cold light source, 3W, brightness adjustable
Power Supply	External switch power supply, input DC6V/2A
Others	CCD simple adapter (All TV head including CCD adapter)
Optional Accessories	WF10X/18mm, with eyepiece micrometer P10X/18mm P16X/11mm 0.5X C type adapter 0.65X C type adapter Digital camera interface: digital card camera interface Digital camera interface: digital SLR camera interface Simple polarizing device Dark field device