

zygon

www.zygon.ca

| info@zygon.ca



ZDM-101 AA

DIGITAL MICROSCOPE

Digital Microscope

ZDM-101 AA

ZDM-101 AA is a digital microscope which uses ergonomics design, beautiful appearance and a light structure. Long-term observation is not easy to fatigue, built-in handle is available for easy pick up. These microscopes can be used for teaching research, clinical experiments and scientific research analysis of biology, pathology and bacteriology in many institutions of higher learning, medical and health care, laboratories and scientific research institutes.



Seamless connection between Digital photoelectric imaging and optical system



CCD/CMOS camera is really built-in, accurate internal positioning



No need to re-adjust the coarse adjustment. Observation under the binocular is completely synchronized with the computer display



Original photoelectric imaging splitting structure eliminates the need for push-pull rods to ensure adequate and uniform illumination at any magnification



Excellent image quality, like sharp and no color difference, the image is flat and clear



Specifications

ZDM-101 AA

Total Magnification	40X-1600X
Objective	Achromatic/economic plan achromatic 4X 10X 40X (Spring) 100X (Oil, Spring)
Digital imaging system	Imported chip, 2 million to 20 million pixels, signal output: USB 2.0/ USB 3.0
Image software functions	Manual / automatic exposure, manual / automatic white balance, photo, video, image editing, measurement, image color adjustment, image overlay, particle counting, etc.
Viewing Head	Digital compensation free binocular head, 30° inclined, 360° rotatable, interpupillary distance 48-75mm
Eyepiece	Wide field, diopter adjustable, WF10X/20mm, WF16X/15mm
Focusing Mechanism	Coaxial coarse and fine focusing knob , coarse adjustment 22mm, fine adjustment 0.002mm
Nosepiece	Quadruple, four holes inward ,steel ball positioning
Stage	Double layer mechanical moving stage, can hold two slice clips Size 115×125mm (optional 140×132mm), moving range 70×50mm
Condenser	Abbe condenser, N.A.=1.25, iris diaphragm
Light Source	LED, 3W, adjustable brightness
Power	External switching power supply, AC100-240V