

Specification

Outlook	Model	MS03 Electronic Cell Microscope
   	Highlight	◆Adjust the height of the objective lens, the optical magnification range is 25-1000X, the digital magnification range is 8X, the maximum magnification is 8000 times ◆25 times observation specimen range of 4mm*7mm, 1000x observation specimen range of 0.6mm*1mm ◆Resolution: 2μm, the cell structure above 2μm can be observed ◆Three types of illumination modes with stepless and adjustable brightness: transmission to observe transparent specimens (bottom light source), drop illumination to observe opaque specimens (top light source), dark field illumination to observe particulate cells (side light source, adjustable height), full transparent and black lampshade ◆5.0-inch 800*480 high-resolution full-angle IPS screen ◆Touch button anti-shake ◆Can take photos, video, through the USB interface external computer output 720P video, to achieve a higher rate of display ◆With cover glass, microscope slide, insects and other specimens ◆Display screen can display reference vertical and horizontal scale auxiliary line ◆Lithium battery and USB interface dual power supply mode ◆Small volume, portable use, aluminum profile support column, heavy chassis anti-shake, metal adjustment knob, stable product
	Application scenarios	Biological cell research such as: blood cells, sperm cells, bacteria and other biological cells, animal and plant cell observation such as: insects, algae, leaves, flowers and other plant sections, art identification, jewelry identification, water quality monitoring, fur detection, material detection, used in the field of scientific research and teaching, home observation, natural observation, animal husbandry, biological experiments, medical use
	Magnification	Optical magnification range 25-1000X, digital magnification 8X, maximum magnification 8000 times
	Observation range	25 times observation specimen range of 4mm*7mm, 1000x observation specimen range of 0.6mm*1mm
	Objective adjustment range	7~25mm
	Focusing mode	manual
	Resolution	2μm
	Illumination	Three types of illumination modes with stepless and adjustable brightness: transmission to observe transparent specimens (bottom light source), drop illumination to observe opaque specimens (top light source), dark field illumination to observe particulate cells (side light source,adjustable height), full transparent and black lampshade
	Display screen	5.0-inch 800*480 high-resolution full-angle IPS screen
	Button	Touch button anti-shake
	Video pixel	1920*1080
	Photo resolution	5M、3M、2M、1M
	Video resolution	FHD/30fps、HD/30fps
	Alignment assist	The display has a variety of reference vertical and horizontal scales to assist the harness display
	Continuous capture	3,5,10PCS
	External computer display	It can output 720P video by external computer through USB interface to achieve higher rate display
	Storage medium	TF card (maximum support up to 32GB, recommended to use Class 10 or above)
	Automatic shutdown	1/3/5/10 minutes/Off
	Power supply type	3.7V,2600mAh lithium battery
	USB interface	TYPE-C
	Material of fuselage	Aluminum profile support column, weight chassis anti-shaking, metal adjustment knob, stable products
	Language	Multiple languages are optional
	Operating temperature	-20℃ to +50℃
	Storage temperature	-30℃ to +60℃
	Accessories	cover glass, microscope slide, dropper, specimen, utensils, transparent lampshade, black lampshade, auxiliary support, USB cable, cleaning cloth
	Exterior dimensions and weight	around 116mm*92mm*170mm/615g