

MZX80 Stereo-fluorescence microscope



MZX80 is a usable stereo-fluorescence microscope. Coaxial illuminating offers even reflected fluorescence lighting to specimen. With same functions as professional stereo-fluorescence microscope, and same feature stereo-fluorescence attachment. The system is workable for entry level stereo-fluorescence applications and educational purpose.



Modular designed fluorescence illumination of LED lighting

Features:

- *Reflected fluorescence unit with coaxial illumination allows clear,bright observation
- *Zoom radio 8:1 and magnification range 6.5X-50X, working distance is 80mm.
- *Modular designed fluorescence attachment eliminates extra lamp house and power supply, easy to use and maintain.
- *Cold LED lighting greatly reduces the damage of heat conduction to living specimens.
- *Excitation wavelength 380nm-420nm, 460nm-490nm,510nm-550nm, 540nm-580nm are optional.

Item	Specification	
Eyepiece	WF10X/21	
Observation tube	Lead-free Interpupillary distance adjustable range: 50 to 76 mm, diopter is adjustable	
Zoom body	Zoom radio value 8:1 (0.62x to 5.0x), magnification range 6.2X-50X	
	Zoom magnification indication 0.62, 0.8, 1, 1.25, 1.6, 2, 2.5, 3.2, 4, 5	
Objectives	Plan achromat objective 1X, working distance 80mm	
Epi-fluorescence illumination system	Turret accommodates maximum triple filter block cubes	
	Blue and Green filters	
	Blue excitation group: 6W LED lighting	
	Green excitation group: 12W LED lighting	
	Input power DC 12V 2A	
	Filter units	Wavelength
	Blue (B)	EX475/40nm,DM505nm,EM525/45nm
	Green (G)	EX530/40nm,DM570nm,EM590nmLP
Optional fluorescence lighting	Yellow(Y):10W LED lighting, EX560/40nm,DM600nm,EM610nmLP	
	Violet(V):6W LED lighting: EX400/40nm,DM430nm,EM460nmLP	
Stand	Column length 365mm	
	MZX80-2 standard base	