

XYL-700Y



XYL-700Y five wave bands LED fluorescent microscope is widely used in biology, medicine, immunology, oncology, genetics, materials science and other fields. It has five wave bands as G,B,BV,V,U, and mean while, the conventional transmission observation can be processed. High precision filters and LED revolver system makes the conversion of the different wave bands flexible,soft and accurate positioning. It also ensures that each wave band can be illuminated by excitation light fully and equably. High quality optical system and advanced stray light elimination system greatly increased the Signal-to-Noise of the fluorescent image. Large N.A fluorescent objectives greatly increased the fluorescent intensity. It can make you observe the satisfactory fluorescent effect. Humanized configuration design, convenient operation system and novel appearance would be your best choice

Specification	
Optical system	infinite optical system
viewing head	Compensation Free Trinocular Head Inclined at 30° (50mm-75mm)
Eyepiece	PlanWF10×/22mm
Objective	infinite Plan large N.A fluorescent objectives 4×/0.15 (W.D.=21.6mm) 10×/0.35 (W.D.=2.9mm) 20×/0.60 (W.D.=1.5mm) 40× /0.75 (W.D.=0.6mm)
Nosepiece	Sextuple Nosepiece
Stage	Double layer mechanical stage
	Stage Size : 180mm×160mm
	Moving Range : 80mm×50mm
Focusing	Coaxial coarse & fine focusing adjustment, fine focusing scale value 0.002mm
Light Source	Epi-illumination: Kohler illumination with aperture iris diaphragm and field iris diaphragm LED bulb 3V/5W,AC 85V-230V,brightness adjustable
	Transmission illumination: Kohler illumination with aperture iris diaphragm and field iris diaphragm 3W LED bulb,AC 85V-230V, brightness adjustable
Fluorescence attachment	G、 B、 BV、 V、 UV
Optional Accessory	Eyepiece : WF10×/20mm, WF20×/12.5mm
	Objective:infinits Plan large N.A fluorescent objective
	100x/0.90 (Dry) (W.D.=0.62mm)
	Photography attachment and CCD C-mount:

	0.5X,0.57X,0.75X
	Image analysis software
	Fluorescent digital CCD