

Fluorescence Biological Microscope



XY-1

XY-2

Technical Parameters:

Model	XY-1/XY-2
View Head	Binocular observation head (XY-1), trinocular observation head (XY-2)
Fluorescent Direct Lighting	Choose B (blue) or G (green) excitation light filter system as standard, O ordinary light system LED light
Protective Screen	UV protection shield (Only when optional for UV light)
Nosepiece	Four-aperture nosepiece
Achromatic Objectives	4X, 10X, 40X, 100X (oil)
Power Supply	AC100~240V, 50/60Hz
Packing Size	320*270*425mm; 150*300*250mm
Gross Weight	7kg; 3kg



Technical Parameters:

Model	BFM-52
Eyepiece	WF10×/22mm
View Head	Binocular viewing head, interpupillary distance adjustment range: 53~75mm
Objective	Plan achromatic objective 4× Long working distance plan objective 10× Long working distance plan objective 40× Long working distance plan phase contrast objective 10×PH Long working distance plan phase contrast objective 20×PH Long working distance plan phase contrast objective 40×PH (Optional)
Fluorescence Accessories	Standard: Ultraviolet (UV) EX: 375/28nm; DM: 415nm; EM: 460/50nm Blue (B) EX: 470/40nm; DM: 505nm; EM: 535/40nm Green (G) EX: 530/40nm; DM: 565nm; EM: 605/55nm
Focusing System	Coaxial coarse and fine adjustment, equipped with limit device and locking device, low hand position coaxial focusing hand wheel, fine adjustment hand wheel value 2μm, focusing stroke 11mm
Nosepiece	5-hole nosepiece
Stage	(1) Fixed stage size: 227*208mm; mechanical movement, range of movement: 135*77mm (2) Round transparent stage plate: outer ring φ118mm, inner ring φ68mm (3) Inner groove size of culture dish holder: 86*129.5mm, suitable for round culture dishes φ90mm (4) Equipped with universal sample clamp: outer size 128*86mm; inner groove specifications: 82*56mm, 77*33mm, 77*26mm, also suitable for culture dishes φ35mm, φ50mm, φ60mm, φ68mm (5) Flip plate (optional)
Illumination System	Brightfield illumination system: Ultra-long-life 9W LED light source with a lifespan of over 20,000 hours and adjustable brightness. Fluorescent illumination system: LED cold light source with continuously adjustable brightness.
Power Supply	AC100~240V, 50/60Hz
Packing Size(L*W*H)	485*340*640mm; 364*304*155mm
Gross Weight	16kg; 2.3kg