

Fluorescence Biological Microscope



E-mail: export@biobase.com
www.biobase.cc / www.biobase.com

Technical Parameters:

Model	XY-1/XY-2
Viewing Head	Binocular head (XY-1), Trinocular head (XY-2)
Fluorescent Straight Illumination	B(Blue) or G(Green) exciting light filter system, and O ordinary light system. 100W HBO Super high-pressured spherical mercury lamp
Protection Screen	Screen to resist the UV
Nosepiece	Quadruple Nosepiece
Connecting Wire	With 2 connectors
Fluorescent Free Objective	4X, 10X, 40X, 100X (Oil)
Immersion Oil	Fluorescent free oil
Power Supply	AC100-240V, 50/60Hz
Package Size	320*270*425mm; 150*300*250mm
Gross Weight	7kg; 3kg

Optional cameras: 6M, 12M, 20M(DC2000B) (only for Trinocular microscope).



Technical Parameters:

Model	BFM-52
Eyeiece	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