

Fluorescence Biological Microscope



Technical Parameters:

Model	BFM-31
Eyeiece	WF10×22mm
View Head	Hinged trinocular viewing head inclined at 30°
Objective	Infinite plan achromatic objectives 4x, 10x, 40x, 100x
Fluorescence	Standard: Blue (B) excitation: 460–490 nm
Accessories	Optional: Green (G) excitation: 510–550 nm Ultraviolet (UV) excitation: 330–380 nm Blue-ultraviolet (BU) excitation: U: 330–380 nm; B: 460–490 nm Blue-green ultraviolet (BGU) excitation: U: 330–380 nm; B: 460–490 nm; G: 510–550 nm
Focusing System	Coaxial coarse and fine focusing with locking and limit devices, fine adjustment value 2μm, coarse movement stroke per circle 40mm, fine movement stroke per circle 0.2mm, focusing range 24mm
Nosepiece	Standard: Inward 4-hole nosepiece; optional: 5-hole nosepiece
Stage	Double-layer movable platform (size: 210mm×140mm, moving range: 76mm×50mm)
Transmitted Illumination System	Abbe condenser N.A.1.25, white LED, brightness adjustable
Power Supply	AC100–240V, 50/60Hz
Packing Size(L*W*H)	485*340*640mm
Gross Weight	13.3kg



Technical Parameters:

Model	BFM-43
Eyeiece	WF10×23mm
View Head	Hinged Trinocular Viewing Head Inclined at 30°, interpupillary 50–75mm
Objective	Infinity plan semi-apochromat objective: 4x/0.13mm WD, 17.15mm Infinity plan semi-apochromat objective: 10x/0.3mm WD, 7.68mm Infinity plan semi-apochromat objective: 40x/0.75mm WD, 0.78mm Infinity plan semi-apochromat objective: 100x/1.30mm WD, 0.15mm
Fluorescence	Standard:
Accessories	① UV Bandpass: 355/50nm; DM: 410nm; EM: 420nm (LP); ② Blue Bandpass: EX: 475/30nm; DM: 500nm; EM: 520nm (LP); ③ Green Bandpass: EX: 530/40nm; DM: 570nm; EM: 590nm (LP).
Nosepiece	5-hole nosepiece
Stage	Highly wear-resistant ceramic-coated stage, 80*50mm travel, 1mm/division, 0.1mm accuracy
Transmitted Illumination System	Warm white LED, continuously adjustable brightness, Abbe condenser, N.A. 1.1
Power Supply	AC100–240V, 50/60Hz
Packing Size(L*W*H)	470*400*480mm; 490*380*750mm
Gross Weight	17.1kg; 12.4kg