

BK Series

Fluorescence Microscope



PRODUCT DESCRIPTION

We supply fluorescence microscopy biological microscope. This is a new professional EPI-fluorescent trinocular compound microscope that offers quality performance and advanced features. It comes with an EPI-fluorescence unit, a 100W mercury lamp or LED fluorescence lamp, and double integrated mechanical stage. The microscope can also be used in standard bright field operation without necessitating the tear down of the microscope. It has six holes disc media which can be fixed with Uv/V/B/G professional fluorescent filter. It is an ideal instrument for advanced research in biology, cytology, oncology, hematology, genetics, microchemistry and environmental protection.



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This series fluorescence microscope provides two kinds of viewing head, binocular or trinocular. Trinocular viewing head, easy to mount a camera to capture videos and images (camera not included). It also offers bright field, dark field (need a dark field condenser) and fluorescent observation.

The device consisting of Epi-fluorescence illuminator, 100W direct current mercury lamp or led fluorescence lamp.Six-holes turret fluorescence assembly is combined with biological microscope to make up fluorescence microscope. The device is designed and manufactured with Epi-excitation principle and provided with 2 group excitation fluorescence filters system blue (B) and green (G),or with 4 groups excitation fluorescence filters system blue (B), green (G), violet (V) and ultraviolet (UV).



The size of this high power fluorescence microscope is scientific and reasonable.It uses carton and high quality foam packaging.

PRODUCT PARAMETER

Items	Specification		Outfits
Eyepiece	WF10× / 20mm (23.2)		●●
Infinity Plan Objectives	PLAN 4× / 0.10	W.D.=12.10mm	●
	PLAN 10× / 0.25	W.D.=4.64mm	●
	PLAN 20× / 0.40(S)	W.D.=2.41mm	●
	PLAN 40× / 0.66(S)	W.D.=0.65mm	●
	PLAN 100× / 1.25(S, Oil)	W.D.=0.12mm	●
	PLAN 2.5× / 0.07	W.D.=8.47mm	○

	PLAN 60× / 0.80(S)	W.D.=0.33mm	○
	PLAN 100× / 1.15(S, W)	W.D.=0.19mm	○
Seidentopf Trinocular Head	Inclined 30°, Rotatable 360°, Interpupillary Distance: 48mm-75mm Light Distribution: 100: 0 / 80:20		○
Nosepiece	Quintuple		●
Mechanical Stage	Integrated Stage Size: 175X145mm, Travel: 78mm×55mm Coaxial Coarse and Fine Focusing Knobs Two Slide Holder		●
Abbe Condenser	N.A. 1.25 with iris diaphragm.		●
Koehler Illumination Wide voltage input: 100V~240V Field diaphragm, center adjustable	12V/20W Halogen Lamp		●
Filter	Blue		●
	Green		○
	Amber		○
	Grey		○
C-mount	1×C-mount (better for digital photograph)		○
	0.57× C-Mount (focus adjustable, better for digital camera)		○
Adaptor for Digital Photograph	Used for CANON / NIKON etc.		○
Fluorescence Attachment	Epi fluorescence unit (six-hole disc media which can be fixed with Uv /V/B/G and another filters) ,100W mercury lamp.		○

	Epi fluorescence unit (six-hole disc media which can be fixed Uv /V/B/G), LED fluorescence lamp.	○
Dark Field Unit	Dark field condenser (dry), apply to 4x-40x objective	○
	Dark field condenser (wet), apply to 100x objective	○
Polarizing Attachment	Analyzer / Polarizer	○

Note: "●" In Table Is Standard outfits, "○" Is Optional Accessories.