

FLUORESCENCE MICROSCOPE

S 120 FL / S 120 LED



LED Fluorescence Attachment



Viewing Head	Compensation Free Binocular Head, Inclined at Compensation Free Trinocular Head, Inclined at			
Eyepiece	Wide Field Eyepiece WF10x/ 18 Wide Field Eyepiece WF16x/ 11			
Objective	Achromatic Objective 4x, 10x, 40x, 100x Plan Achromatic Objective 4x, 10x, 40x, 100x			
Nosepiece	Quadruple Nosepiece			
Stage	Double Layers Mechanical Stage 140x140mm/			
Condenser	NA 1.25 Abbe Condenser with Iris Diaphragm S-LED Illumination, Brightness Adjustable			
Illumination	Halogen Lamp 6V/ 20W, Brightness Adjustable			
Photo Attachment				
Video Adapter	C Mount 1x C Mount 0.5x			
Filter	Blue Filter Green Filter			
Dark Field Attachment	Dark Field Condenser (Dry) Dark Field Condenser (Dry)			
Phase Contrast Kit	Single Phase Contrast Kit Sliding Phase Contrast Kit Turret Phase Contrast kit			
Polarization Set	Simple Polarization Set			
Vertical lighting device		excitation	Dichroic	Emission
	B excitation	BP460~490	DM500	BA520
	B1 excitation	BP460~495	DM505	BA510~550
	G excitation	BP510~550	DM570	BA590
	U excitation	BP330~385	DM400	BA420
	V excitation	BP400~410	DM455	BA455

	excitation	Dichroic	Emission
B excitation	BP460~490	DM505	BA515
G excitation light source	BP510~550	DM570	BA59
	3W LED (465-475nm)		
	3W LED (525-530nm)		

ISO 9001:2015
certified company



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FLUORESCENCE MICROSCOPE

S 300 FL / S 300 LED



HBO Fluorescence Attachment



Technical specifications				
Optical system	Infinity optical system			
Observation head	Hinged binocular head, 30° tilt, interpupillary distance 48-75mm			
eyepiece	WF10X/18			
nose piece	Inward Quadruple revolving Nosepiece			
Infinity objective	plan achromatic objective	4X		
		10X		
		20X		
		40X		
		100X		
	Fluorescence	4X, 10X, 20X, 40X, 100X		
Condenser	Fixed condenser NA 1.25			
Focus adjustment	Coaxial coarse and fine adjustment mechanism, fine adjustment scale value			
Stage	Double-layer movable platform			
Photographic accessories				
Lighting system	S-LED lighting, continuously adjustable 6V/20W halogen lamp			
Fluorescence Filter	B excitation	excitation BP460~490	Dichroic DM505	Emission BA515
	G excitation	BP510~550	DM570	BA590
light source	3W LED (465-475nm) 3W LED (525-530nm)			
Refractive index oil	No fluorescent oil			

	excitation	Dichroic	Emission	
Fluorescence Filter	B excitation	BP460 ~ 490	DM500	BA520
	B1 excitation	BP460 ~ 495	DM505	BA510 ~ 550
	G excitation	BP510 ~ 550	DM570	BA590
	U excitation	BP330 ~ 385	DM400	BA420
	V excitation	BP400 ~ 410	DM455	BA455
	light source	100W HBO ultra-high pressure bulb mercury lamp		

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FLUORESCENCE MICROSCOPE

S 2000 FL / S 2000 LED



Optical system	Infinity optical system			
Observation head	Sidentopf binocular head, angle of inclination 30°, 360°			
eyepiece	Sidentopf trinocular head, 30° inclination, 360° rotatable, WF10X/20			
Objective lens	WF15X/16			
Nosepiece	Infinity plan achromatic objective 4X, 10X, 40X, 100X			
Focusing system	Infinity plan achromatic objective 20X, 60X			
Stage	Inward Quadruple converter			
Condenser	Inward Quintple converter			
Lighting system	Coaxial coarse and fine focusing mechanism, fine adjustment scale value 0.002mm, coarse movement stroke			
Optional	Mechanical mobile stage 230X150mm, moving range			
Fluorescence Filter		excitation	Dichroic	Emission
	B excitation	BP460~490	DM505	BA515
	G excitation	BP510~550	DM570	BA590
light source	3W LED (465-475nm)			
Refractive index oil	3W LED (525-530nm)			
	No fluorescent oil			

Fluorescence Filter	B excitation	BP460 ~ 490	DM500	BA520
	B1 excitation	BP460 ~ 495	DM505	BA510 ~ 550
	G excitation	BP510 ~ 550	DM570	BA590
	U excitation	BP330 ~ 385	DM400	BA420
	V excitation	BP400 ~ 410	DM455	BA455
light source	100W HBO ultra-high pressure bulb mercury lamp			

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FLUORESCENCE MICROSCOPE

S 800 FL



Technical specifications		
Optical system	Infinity optical system	
Observation head	Hinged trinocular head, 30° tilt, interpupillary distance 48-75mm	
eyepiece	Large field of view eyepiece EW10X/22	
Nosepiece	Inward Quintple reversible Revolving Nosepiece	
Objective lens	Infinity plan achromatic objective	4X
		10X
		20X
		40X
		100X
	Infinity Plan Fluorescence	4X, 10X, 20X, 40X, 100X
Condenser	Swing-out condenser NA 0.9/ 0.25	
Focus adjustment	Coaxial coarse and fine adjustment mechanism, fine adjustment grid value 0.001mm	
Photographic accessories		
Kohler Lighting	External lighting system, aspheric laser, 6V/ 30W halogen	

incident Fluorescence		Excitation	Dichroic	Emission
	B excitation	BP460 ~ 490	DM500	BA520
	B1 excitation	BP460 ~ 495	DM505	BA510 ~ 550
	G excitation	BP510 ~ 550	DM570	BA590
	U excitation	BP330 ~ 385	DM400	BA420
V excitation	BP400 ~ 410	DM455	BA455	
light source	100W HBO ultra-high pressure bulb mercury			
Observe the goggles	Anti-UV baffle			
power supply	Power box NFP-1 type, 100-240V wide voltage, digital display with timer			
Refractive index oil	No fluorescent oil			

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