

LY6001 Fluorescent Microscope

Model	LY6001
Eyepiece	Wide field WF10X(μ 22mm)
Objective	Infinity plan achromatic objectives
	PL 4X/0.10 (Work distance): 19.8 mm
	PL 10X/0.25 (Work distance): 5.0 mm
	PLF L40X/0.85 μ spring μ © (Work distance): 0.42 mm (No magnification spherochromatic aberration)
	PL 100X/1.25(Spring, oil) (Work distance): 0.36mm
Eyepieces tube	Trinocular, Inclination of 30°.
Epi-fluorescent illumination system	3W high brightness LED. Enable selecting monochromatic or bichromatic LED for light source, every monochromatic LED wave band: Green (520nm~530nm) Blue(460nm~470nm)
	Fluorescence filters: B(Blue) and G(Green).
Focus system	Coaxial coarse/fine focus system, with tension adjustable and limit stopper, minimum division of fine focusing: 2 μ m.
Nosepiece	Quadruple(Backward ball bearing inner locating)
Stage	Double layer mechanical (Size:210mmX140mm,movingrange:75mmX50mm)
Transmitted illumination system	Abbe condenser NA.1.25 Rack & pinion adjustable
	Blue filter and Ground glass
	Collector for LED illumination and integrated field diaphragm
	3W high brightness white LED, brightness adjustable.

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Optional accessories

Name	Sort/Technique parameter	NO.
Eyepiece	Dividing eyepiece(field number: μ 22mm) 0.10mm/Div	1122010
Objective	Infinity plan achromatic objective PL 60X/0.80(Work distance): 0.46 mm	2060160
	Infinity plan achromatic fluorescent objective PL FL10X/0.35(Work distance): 2.37 mm	2610110
Nosepiece	Quintuple(Backward ball bearing inner locating)	032002
Filter	Green filter	115002
	Yellow filter	115003
LED	Violet(390nm~400nm)	/
	Ultraviolet(360nm~370nm)	/
Fluorescent filters	V(Violet)	/
	UV(Ultraviolet)	/
CCD adapter	0.4X	810001
	0.5X	810004
	1X	810002
	0.5X with dividing 0.1mm/Div	810003
Camera	DV-1 Video output(380/520 TV line) USB output (0.42 M pixel)	800001
	DV-2 With USB output (1.3M,2.0M,3.0M pixel)	800003
	DV-3 With video output(380/520 TV line)	800005
Digital camera adapter	CANON(EF) NIKON(F)	820001

Note: “●” in the table is standard attachment. “○” is optional accessories.

Design change: To keep pace with technological advances, we have reserved the right to make design modification and changes without notice.



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