

## LY7001 Fluorescent Microscope

### Standard Configuration

Model	LY7001
Eyepiece	Wide field WF10X( $\mu$ 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 $\omega$ spring $\omega$ (Work distance) : 0.42mm(No magnification spherochromatic aberration )
PL 100X/1.25(Spring, oil) (Work distance): 0.36mm	
Eyepieces tube	Trinocular, Inclination of 30°.
Epi-fluorescent illumination system	Power supply unit, 110V or 220V can be selected.
	Mercury lamp is 100W/DC
	Turnplate Epi-fluorescence illuminator (UV.V.B.G filters system)
Focus system	Coaxial coarse/fine focus system, with tension adjustable and limit stopper, minimum division of fine focusing: 2 $\mu$ m.
Nosepiece	Quintuple(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 halogen lamp illumination and integrated field diaphragm
	6V 30W halogen lamp, adjustable brightness

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### Optional accessories

Name	Sort/Technique parameter	NO.
Eyepiece	Dividing eyepiece(field number: $\mu$ 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
Filter	Green filter	115002
	Yellow filter	115003
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 adapter	camera 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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