

LY4001 Inverted Microscope

Model	LY4001
Eyepiece	Wide field eyepiece WF10X(μ 20mm)
Objective	Long working distance plan achromatic objectives PL L 10X/0.25
	Long working distance plan achromatic objectives PL L 25X/0.40
	Long working distance plan achromatic objectives PL L 40X/0.60
	Long working distance plan achromatic phase contrast objective PL L 10X/0.25 PHP2
	Long working distance plan achromatic phase contrast objective PL L 25X/0.40 PHP2
	Long working distance plan achromatic phase contrast objective PL L 40X/0.60 PHP2
Eyepiece tube	Trinocular (Inclination of 30°, 100% image light for photography capable)
Focus system	Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: 2 μ m
Nosepiece	Quintuple (Ball bearing inner locating)
Stage	Double layer mechanical (Size: 224mmX208mm, moving range: 112mmX79mm)
Filter	Frosted filter
	Blue filter
	Green filter
Shelf of specimen	Match to install μ 68mm or 77mmX29mm culture utensil
	Match to install 82mmX57mm culture utensil
	Match to install 128mmX85mm 96 holes culture utensil
Reflected fluorescence system	Mercury lamp house 100W/DC
	Power supply unit:AV:110V or 220V
	Fluorescence filter system B exciton wavelength:420~485nm
	Fluorescence filter system G exciton wavelength:460~550nm
	Fluorescence filter system UV exciton wavelength:330~400nm
Fluorescence filter system V exciton wavelength:395~415nm	
Turnplate phase contrast unit	Centering telescope
	Condenser Rack & pinion adjustable, NA=0.4,working distance: 50mm

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Optional accessories

Name	Sort/Technique parameter	NO.
Eyepiece	Wide field WF16X(μ 11mm)	1051016
	Dividing 10X (μ 20mm), 0.1mm/Div	1120010
Condenser	Ultra long working distance, W.D.:70mm	050006
Filter	Yellow filter	115003
Fluorescence power supply	100W fluorescence power supply(Wide voltage range and constant power and calculagraph)	100003
Phase contras	Compensation phase contrast	112102
CCD adapter	0.4X	812001
	0.5X	812004
	1X	812002
	0.5X with dividing 0.1mm/Div	812003
Camera	DV-1(With USB & video output)	800001
	DV-2(With USB output)	800003
	DV-3(With video output)	800005
Digital camera adapter	CANON digital camera adapter(A610,A620,A630,A640)	821001
Photograph unit	2.5X/4X Change over photograph attachment with 10X viewing eyepiece	840001
	4X Focusing photograph attachment	840002
	MD Adapter	840003
	PK Adapter	840004

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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