



L3001 Epifluorescent microscope

L3001 Epifluorescent microscope is used for fluorescence microscopy and transmitted field observation. It is equipped with infinity plan achromatic objectives and wide field eyepieces, have clear picture and wide view field. It is the ideal instrument in biology, cytology, oncology, genetics, immunology etc. It also can be used in scientific research, universities, medical treatment, epidemic prevention etc.

Features:

- * With wide field eyepieces and infinity plan achromatic objectives, the field of view is widely and clear.
- * Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: 2µm
- * 20W 6V halogen lamp with electronic dimmer.

Specification:

Model	L3001
Eyepiece	Wide field WF10X(Dia.20mm)
Objective	Infinity plan achromatic Objectives PL 4X/0.10
	Infinity plan achromatic Objectives PL 10X/0.25
	Infinity plan achromatic Objectives PL 40X/0.65(Spring)
	Infinity plan achromatic Objectives PL 100X/1.25(Spring, oil)
Eyepiece tube	Trinocular (Inclination of 30°)
Focus system	Coaxial coarse/fine focus, with tensional adjustable and up stop minimum division of fine focusing: 2µm.
Nosepiece	Quadruple(Backward ball bearing inner locating)
Stage	Double layer mechanical (Size:210mmX140mm, Move range: 75mmX50mm)
Abbe condenser	N.A.1.25 Rack & pinion adjustable
Filter	Blue filter
	Frosted filter
Collector	For halogen lamp
Light source	6V 20W Halogen lamp ,adjustable brightness
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

Optional accessories:

Name	Sort/Technique parameter	
Eyepiece	WF16X(Dia.11mm)	
	Dividing 10X(Dia.20mm),0.1mm/Div	
Objectives	Infinity plan achromatic 20X/0.40	
Eyepiece tube	Binocular(Inclination of 30°)	
Nosepiece	Quintuple(Backward ball bearing inner locating)	
Filter	Green filter	
	Yellow filter	
Phase contrast unit	Eyepiece	Centering telescope
	Objectives	Infinity phase contrast plan achromatic 10X/0.25 PHP
		Infinity phase contrast plan achromatic 20X/0.40 PHP
		Infinity phase contrast plan achromatic 40X/0.65 PHP(Spring)
		Infinity phase contrast plan achromatic 100X/1.25 PHP(Spring, oil)
		(PH-I) Turnplate phase contrast condenser
		(PH-II) Turnplate phase contrast condenser
	Flashboard phase contrast condenser	
	Pull board phase contrast condenser	
CCD adapter	0.4X	
	0.5X	
	1X	
	0.5X with dividing 0.1mm/Div	
Camera	With USB & video output	
	With USB output	
	With video output	
Digital camera adapter	CANON digital camera adapter(A610,A620,A630,A640)	
Photograph unit	2.5X/4X Change over photograph attachment with 10X viewing eyepiece	
	4X Focusing photograph attachment	
	MD Adapter	
	PK Adapter	