

L1501 Reflected Fluorescence Microscope



L1501 Reflected fluorescence microscope model is used for fluorescence microscopy and transmitted bright field microscopy observation. It is the ideal instrument in sediment in sedimentary rock, inspection of impurity of semiconductor, environmental protection and microchemistry etc. 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 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: 2 μ m
- * 6Volt 20Watt Halogen lamp with brightness control

Specification:

Model	L1501
Eyepiece	Wide field WF 10X(\varnothing 18mm)
Objective	Achromatic 4X/0.10
	Achromatic 10X/0.25
	Achromatic 100X/1.25(Spring, oil)
	Fluorescence 25X/0.65
Eyepiece tube	Trinocular (inclination of 30°)
Focus system	Coaxial coarse/fine focus, with tension adjustable and up stop, minimum division of fine focusing: 2 μ m.
Nosepiece	Quadruple(Backward ball bearing inner locating)
Stage	Double layer mechanical (Size:135mmX125mm, Move range: 75mmX35mm)
Abbe condenser	N.A.1.25 Rack & pinion adjustable
Filter	Blue filter
	Frosted filter
Collector	For halogen lamp
Light source	6V 20W Halogen lamp with brightness control.
Reflected fluorescence system	Mercury lamp house 100W/DC
	Power supply unit:AV:110V or 220V
	Fluorescence filter system γ B exciton wavelength:420~485nm
	Fluorescence filter system γ G exciton wavelength:460~550nm

Optional Accessories:

Name	Sort/Technique parameter	
Eyepiece	Wide field WF 16X(\varnothing 11mm)	
	10X dividing eyepiece 0.1mm/Div	
Objective	Fluorescence objectives FL 40X/1.00 γ (Spring, Glycerin)	
	Fluorescence objectives FL 100X/1.25 (Spring, Glycerin)	
Nosepiece	Quintuple(Backward ball bearing inner locating)	
Filter	Green filter	
	Yellow filter	
Fluorescence power supply	100W fluorescence power supply(Wide voltage range and constant power and calculagraph)	
Reflected fluorescence system	Fluorescence filter system γ UV exciton wavelength:330~400nm	
	Fluorescence filter system γ V exciton wavelength:395~415nm	
Phase contrast unit	Eyepiece	Centering telescope
	Objectives	Phase contrast plan achromatic 10X/0.25 PHP
		Phase contrast plan achromatic 20X/0.40 PHP
		Phase contrast plan achromatic 40X/0.65 PHP(Spring)
		Phase contrast plan achromatic 100X/1.25 PHP(Spring, oil)
	(PH-1) Turnplate phase contrast condenser	
	(PH-2) 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	
	DV-1(With USB & video output)	
Camera	DV-2(With USB output)	
	DV-3(With video output)	
	DV-3(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	