

L1200 Biological Microscope



L1200B

L1200 series biological microscopes are equipped with achromatic objectives and wide field eyepieces. They have clear image, wide field, etc. They can be used for biology, medicine, and agriculture and industry area widely. They are the ideal instruments in medical treatment ,teaching demonstration and scientific research.

Features

- ▲ With wide field eyepieces and 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: $2\mu\text{m}$.
- ▲ 6 Volt 20 Watt Halogen lamps with brightness control.

Standard Configuration

Model	L1200A	L1200B	L1200C
Eyepiece	Wide field WF10X(ϕ 18mm)		
Objective	Achromatic 4X/0.10	Achromatic 4X/0.10	Achromatic 4X/0.10
	Achromatic 10X/0.25	Achromatic 10X/0.25	Achromatic 10X/0.25
	Achromatic 40X/0.65(Spring)	Achromatic 40X/0.65(Spring)	Achromatic 40X/0.65(Spring)
	Achromatic 100X/1.25(Spring, oil)	Achromatic 100X/1.25(Spring, oil)	Achromatic 100X/1.25(Spring, oil)

Eyepiece tube	Binocular(Inclination of 30°)		
Focus system	Coaxial coarse/fine focus system. Minimum division of fine focusing: 2 μm	Coaxial coarse/fine focus minimum division of fine focusing: 2 μm, with tensional adjustable and up stop, base bearing black plastic cap	Coaxial coarse/fine focus with tensional adjustable and up stop, minimum division of fine focusing: 2 μm.
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	For halogen lamp	For halogen lamp
Light source	6V 20W, Halogen lamp with brightness control		

Optional accessories

Name	Sort/Technique parameter		NO.	
Eyepiece	Wide field	WF16X(φ11mm)	1051016	
	Dividing	10X(φ18mm) 0.1mm/Div	1021010	
Objective	Semi-plan achromatic	SP 4X/0.10	2030104	
	Semi-plan achromatic	SP 10X/0.25	2030110	
	Semi-plan achromatic	SP 20X/0.40	2030120	
	Semi-plan achromatic	SP 40X/0.65(Spring)	2030140	
	Semi-plan achromatic	SP 100X/1.25(Spring, oil)	2030111	
Eyepiece tube	Monocular(Inclination of 30°)		010006	
	Binocular, Sliding(Inclination of 45°)		011201	
	Trinocular, Sliding(Inclination of 45°)		012201	
	Trinocular(Inclination of 30°)		012003	
	Dual viewing tube(Inclination of 30°)		013002	
Nosepiece	Quintuple (Backward ball bearing inner locating)		032001	
Filter	Green filter		115002	
	Yellow filter		115003	
Light source	LED Collector	Bright and white light	073006	
Condenser	Dark field	Dry	051001	
		Immersion	051002	
Phase contrast unit	Eyepiece	Centering telescope	110001	
		Objectives	Phase contrast achromatic 10X/0.25 PHP	2410110
			Phase contrast achromatic 20X/0.40 PHP(Spring)	2410120
			Phase contrast achromatic 40X/0.65 PHP(Spring)	2410140
	Phase contrast achromatic 100X/1.25 PHP(Spring, oil)		2410111	
	(PH-φñ) Turnplate phase contrast condenser		052001	
	(PH-φò) Turnplate phase contrast condenser		052004	
	Flashboard phase contrast condenser		052002	
	Pull board phase contrast condenser		052003	
Infinity optical system	Eyepiece tube	Binocular, (Inclination of 30°)	011101	
		Trinocular(Inclination of 30°)	012101	
	Eyepiece	Centering telescope	110002	

Objectives	Infinity semi-plan achromatic 4X/0.10		2070104
	Infinity semi-plan achromatic 10X/0.25		2070110
	Infinity semi-plan achromatic 40X/0.65(Spring)		2070140
	Infinity semi-plan achromatic 100X/1.25(Spring, oil)		2070111
	Infinity phase contrast achromatic 10X/0.25 PHP		2480110
	Infinity phase contrast achromatic 20X/0.40 PHP(Spring)		2480120
	Infinity phase contrast achromatic 40X/0.65 PHP(Spring)		2480140
	Infinity phase contrast achromatic 100X/1.25 PHP(Spring, Oil)		2480111
CCD adapter	0.4X		810001
	0.5X		810004
	1X		810002
	0.5X with dividing 0.1mm/Div		810003
Camera	DV-1(With USB & video output)		800001
	DV-2(With USB output)		800003
	DV-3(With video output)		800005
	Photography	USB Output	1096001
		VIDEO Output	1108001
Digital camera adapter	CANON Digital camera adapter(A610, A620, A630, A640)		820001
Photograph unit	MD Adapter		840003
	PK Adapter		840004
	2.5X/4X Change over photograph attachment with 10X viewing eyepiece		840001
	4X Focusing photograph attachment		840002
Facility polarize	Polarizer(360° rotatable stage)		111001
	Analyzer		111101
Adapter(For LED illumination)	Input: 230V 50/60HZ	Output: 9V 500mA	101001
	Input: 110V 50/60HZ	Output: 9V 500mA	101002

*Items and specification subject to change,
please contact ALLTION for current product information*

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