

# L1800



L1800 series biological microscopes are equipped with achromatic objectives or semi-plan achromatic, wide field eyepieces. They have clear image, wide field, beautiful sculpt, convenient operation etc. They can be used for medicine, and assay area widely. They are the ideal instruments in medical treatment, teaching demonstration and scientific research.

## Features

- With wide field eyepieces, semi-plan achromatic or 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 $\mu$ m
- 6Volt 20Watt Halogen lamp with brightness control

## Spec:

Model	L1800A	L1800B
Eyepiece	Wide field WF10X( $\Phi$ 18mm)	
Objective	Achromatic 4X/0.10	Semi-plan achromatic 4X/0.10
	Achromatic 10X/0.25	Semi-plan achromatic 10X/0.25
	Achromatic 40X/0.65(Spring)	Semi-plan achromatic 40X/0.65(Spring)

	Achromatic 100X/1.25(Spring, oil)	Semi-plan achromatic 100X/1.25(Spring, oil)
Eyepiece tube	Binocular(Inclination of 30°)	
Focus system	Coaxial coarse/fine focus, with tension adjustable and up stop minimum division of fine focusing: 2µm.	
Nosepiece	Quadruple(Backward ball bearing inner locating)	
Stage	Double layer mechanical (Size:160mmX140mm, 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 with brightness control	

### Optional accessories

Name	Sort/Technique parameter	
Eyepiece	Wide field WF16X(Φ11mm)	
	Dividing 10X(Φ18mm) 0.1mm/Div	
Objective	Plan achromatic 4X/0.10	
	Plan achromatic 5X/0.12	
	Plan achromatic 10X/0.25	
	Plan achromatic 20X/0.40	
	Plan achromatic 40X/0.65(Spring)	
	Plan achromatic 60X/0.85(Spring)	
	Plan achromatic 100X/1.25(Spring, oil)	
Eyepiece tube	Binocular, Sliding(Inclination of 45°)	
	Trinocular, Sliding(Inclination of 45°)	
	Trinocular (Inclination of 30°)	
	Dual viewing tube (Inclination of 30°)	
Nosepiece	Quintuple(Backward ball bearing inner locating)	
Package	Styrofoam	
Filter	Green filter	
	Yellow filter	
Light source	LED Collector	Bright and white light
Condenser	Dark field	Dry

		Immersion	
Phase contrast unit	Eyeiece	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-I ) Turn plate phase contrast condenser		
	(PH-II) Turn plate phase contrast condenser		
	Flashboard phase contrast condenser		
Pull board phase contrast condenser			
Infinity optical system	Eyeiece tube	Binocular (Inclination of 30°)	
		Trinocular (Inclination of 30°)	
	Eyeiece	Centering telescope	
	Objectives	Infinity plan achromatic 4X/0.10	
		Infinity plan achromatic 10X/0.25	
		Infinity plan achromatic 20X/0.40	
		Infinity plan achromatic 40X/0.65(Spring)	
		Infinity plan achromatic 100X/1.25(Spring, oil)	
		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)	
	CCD adapter	0.4X	
0.5X			
1X			
0.5X with dividing 0.1mm/Div			
Camera	DV-1(With USB & video output)		
	DV-2(With USB output)		
	DV-3(With video output)		
	Photography	USB Output	
		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
Facility polarize	Polarizer(360° rotatable stage)
	Analyzer
Adapter	Input: 230V 50/60HZ Output: 9V 500mA
	Input: 110V 50/60HZ Output: 9V 500mA