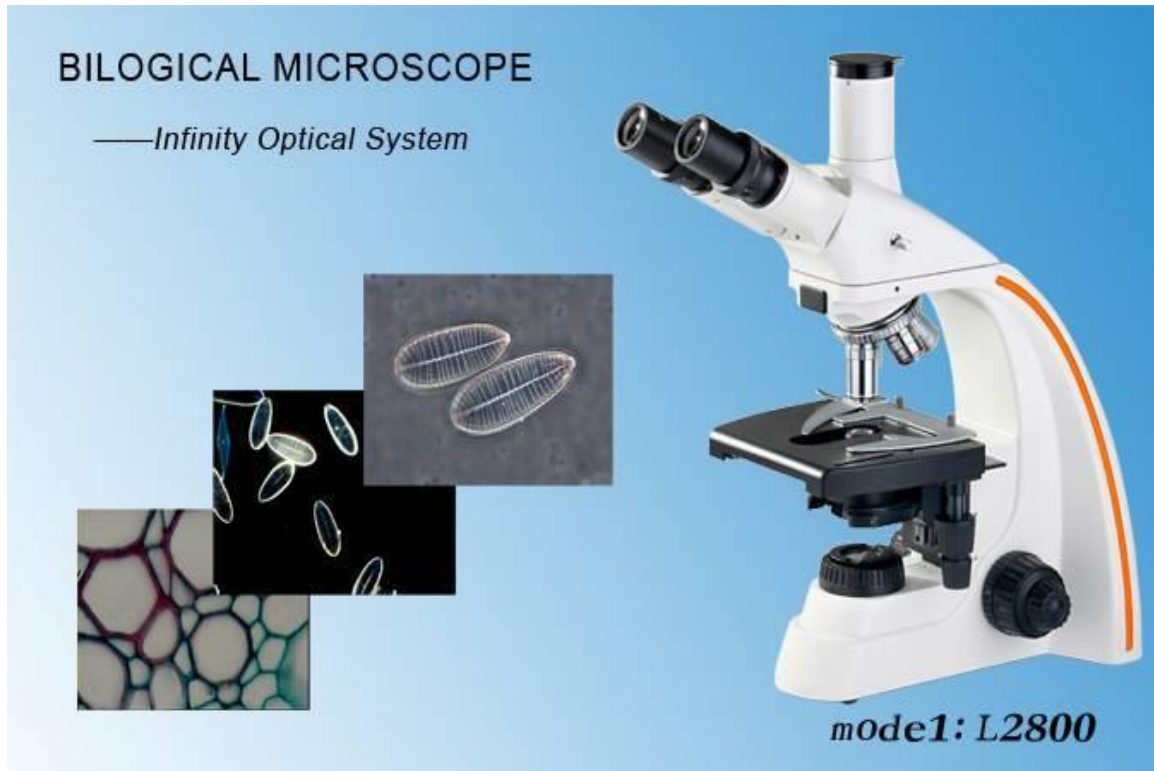


L2800 Series Biological Microscope



L2800 series biological microscopes are equipped with excellent infinity plan achromatic objectives and wide field eyepieces. The ideal ergonomic design is adopted, such as low-lying focusing knobs, backward nosepiece and integrated handle, so that operate the instruments easier and have wider space, especially moving the instruments is better safety. They can be used for biology, medicine agriculture and industry area widely. They are the ideal instrument in medical treatment, teaching demonstration and scientific research.

- ★ Adopted excellent optical system , equipped with excellent optical performance.
- ★ The notions of design streamline figure and pastel color makes the microscope has more beautiful appearance.
- ★ It achieves the notion of design of ergonomics, so it can provide the more comfortable operation and more operational room.
- ★ The appropriate design can make it update of increasing correlative accessories , for example : simple polarized system and phase contrast observation.
- ★ Base on the human design, the microscope has the hand shank in the back of it , because of the design, you can easily take up the microscope and move it.



Observe system:

The trinocular can easily change in the observation and photography. Inclination of 30°, you do not need to down head or horizontal observation in the long time, it can make the neck and shoulder of operator feel comfortable, the 360° rotatable stage of Trinocular adapt to the different stature of operator, base on the 100% pass of light of Trinocular, the microscope adapt to low illumination of photography.

Stage:

Double layer mechanical stage, size of 180mmX150mm, move range: 75mmX50mm. Perfectly combine with the coaxial gear and flexible steel wire driving, make the stage more fluent moving. The driving device fix in the stage, which can prevent the device on the outside of stage to hurt the operator effectively.

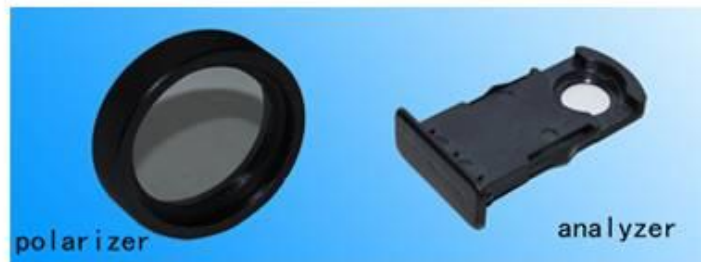


hand shank:

Base on the human design, the microscope has the handshank in the back of it, because of the design, you can easily take up the microscope and move it.

Facility polarize:

Can optional with polarizer and analyzer. Push the analyzer pole and polarizer into optical path, rotate the turnplate of polarizer to make them orthogonal polarization.



Collector:

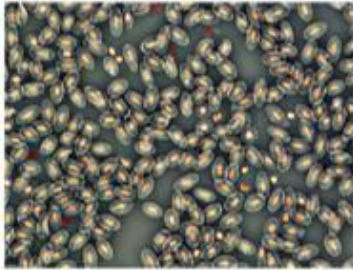
Abbe condenser NA.1.25 Rack & pinion adjustable. Can option dry type or immersion type dark field condenser.

Collector&Illumination:

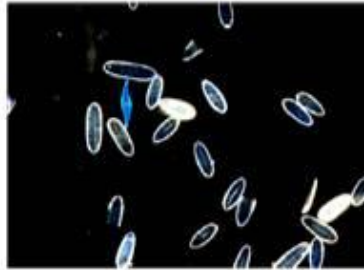
For LED lampwith Integrated field diaphragm;
Can use LED lampor optional Halogen lamp



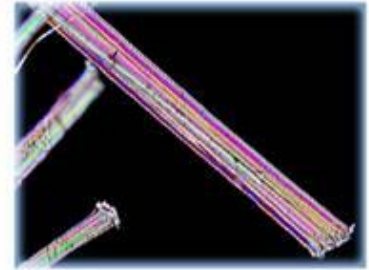
Digital camera photography:



Phase observe



Dark type observe



Polarized observe

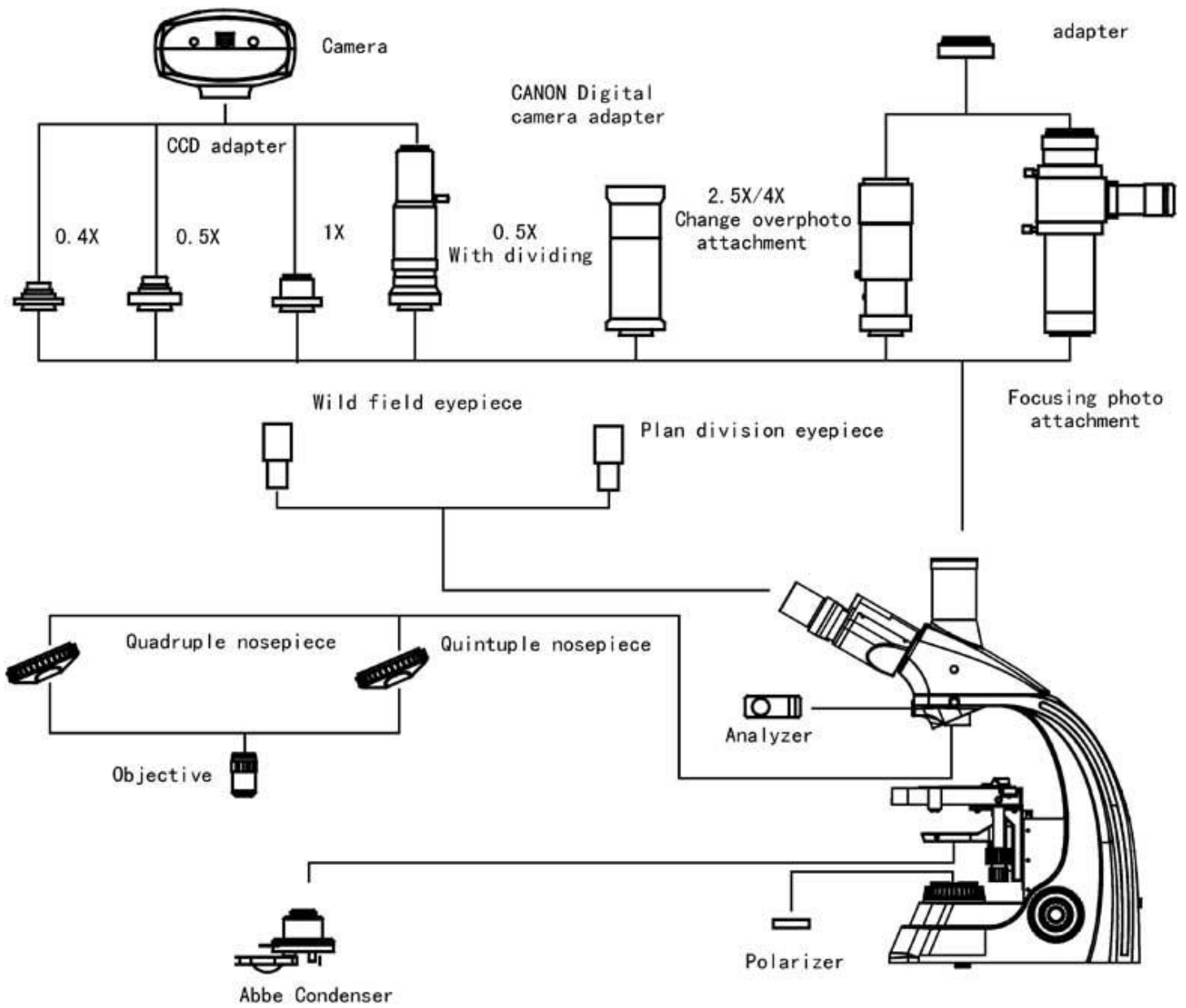
Standard Configuration

Eyepiece	Wide field WF10X(Φ 22mm)
Objective	Infinity plan achromatic objective
	PL 4X/0.10 (Work distance): 21 mm
	PL 10X/0.25 (Work distance): 5.0 mm
	PL 40X/0.65 (Spring) (Work distance): 0.66 mm
	PL 100X/1.25 (Spring, oil) (Work distance): 0.36mm
Eyepieces tube	Trinocular, Inclination of 30°.
Focus system	Coaxial coarse/fine focus system, with tension adjustable and limit stopper, minimum division of fine focusing: 2 μ m.
Nosepiece	Quardruple(Backward ball bearing inner locating)
Stage	Double layer mechanical (Size:180mmX150mm,movingrange:75mmX50mm)
Transmitted illumination system	Abbe condenser NA.1.25 Rack & pinion adjustable
	Blue filter and Ground glass
	6V 20W halogen lamp,brightness adjustable

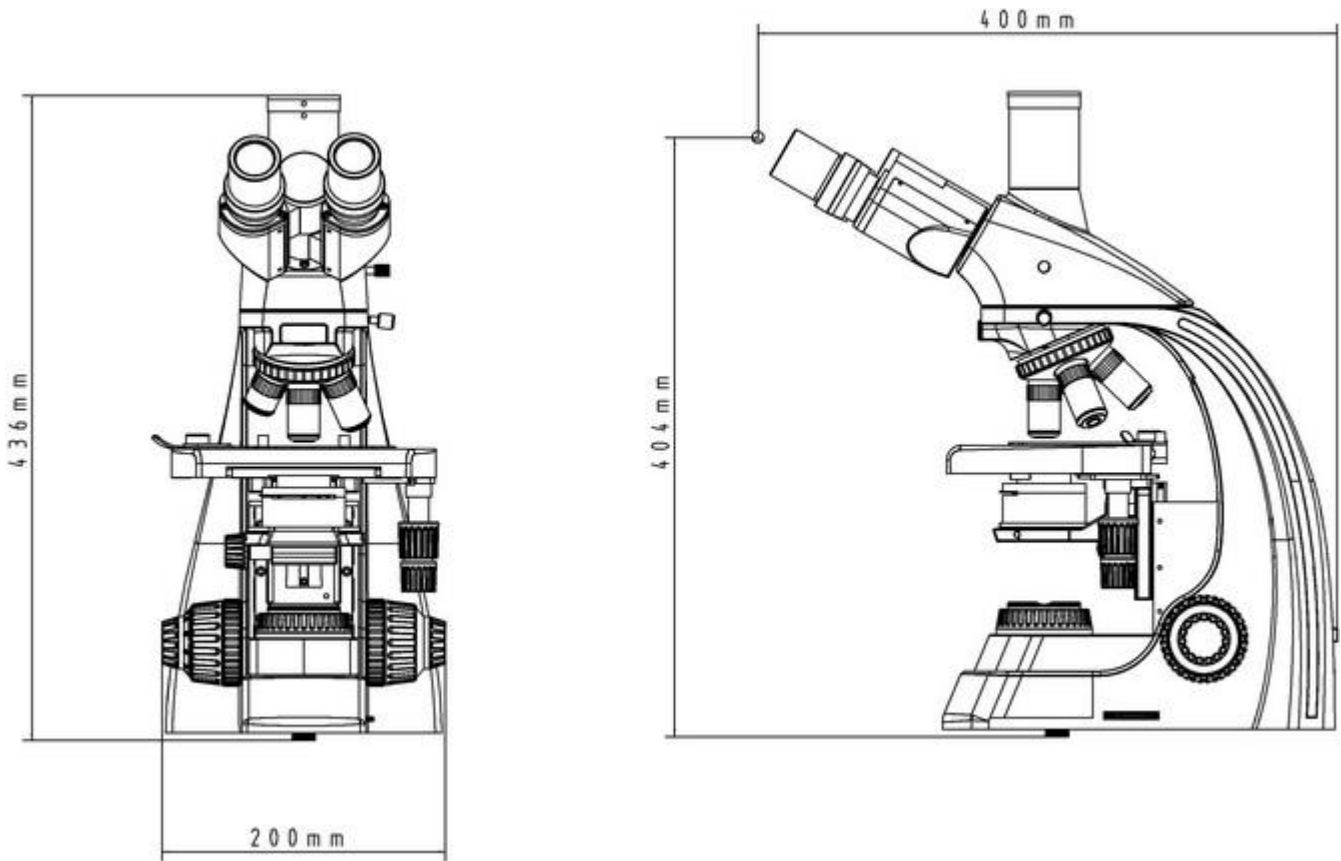
Optional accessories

Eyepiece	Dividing eyepiece(field number:Φ22mm) 0.10mm/Div		1122010
Objective	Infinity plan achromatic objective		
	PL 20X/0.40 (Work distance): 8.8 mm		2060120
	PL 60X/0.85 (Work distance): 0.25mm		2060160
Phase contrast unit	Eyepiece	Centering telescope	110002
	Objectives	Infinity phase contrast plan achromatic 10X/0.25 PHP	2470110
		Infinity phase contrast plan achromatic 20X/0.40 PHP	2470120
		Infinity phase contrast plan achromatic 40X/0.65 PHP(Spring)	2470140
		Infinity phase contrast plan achromatic 100X/1.25 PHP(Spring, oil)	2470111
Sliding phase contrast			
Filter	Green filter		115002
	Yellow filter		115003
CCD adapter	0.4X		810001
	0.5X		810004
	1X		810002
	0.5X with dividing 0.1mm/Div		810003
Camera	DV-130/200/300/500/900 USB output		
	DV-1A/DV-1B Video output		
Digital camera adapter	CANON(EF) NIKON(F)		820001
Facility polarize	Polarizer	360° rotatable stage	111001
	Analyzer	Sliding type	111105
Illumination system	Collector for LED lamp illumination		

System Diagram



Dimensions



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

MICROSCOPES ARE OUR BUSINESS & SERVICE IS OUR PRIDE

ALLTION
(Wuzhou) Co., Ltd.

Alltion Building, NO.10, 3RD Road, Wuzhou Industrial Park, Wuzhou, Guangxi, China 543000

Tel: +86-774-2836101

Fax: +86-774-2836192

E-mail: sales@alltion.com or sales@alltion-microscope.com

Web site: <http://www.alltion.com> or <http://www.alltion-microscope.com>