

# L3201 LED

LED落射荧光显微镜  
LED EPI-FLUORESCENCE MICROSCOPE



L3201 LED落射荧光显微镜采用优良的无限远光学系统与模块化功能设计理念，透反射光源采用大功率高亮度LED，照明装置具有功耗小，散热效果好，仪器使用安全、舒适，使用与维护成本低等特点，配置无放大率色差的无限远平场消色差荧光物镜和大视野目镜，可提供卓越的光学品质与操作性能，适用于生物制药，医学检测、疾病预防等领域。

L3201 LED EPI-fluorescence microscope is equipped excellent UIS optical system and adopted modularization function design idea, the transmitted and epi-fluorescent illuminating light source are adopted high power & brightness LED, this kind of illumination has a lot of excellence, such as power consumption lower, good radiating heat effect, using safely and comfortably, lower cost of using and maintenance and ect. It is equipped with no magnification spherochromatic aberration infinity plan achromatic fluorescent objectives and wide field eyepieces, can obtain excellent optical quality and operation performance. It can be used as transmitted light microscope. It is widely applied in the biological pharmacy, medicine checking and measure, diseaseprevent and etc.

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## 技术规格 Specification

目镜 Eyepiece	大视野 Wide field WF10X(Φ22mm)		
无限远平场消色差物镜 Infinity plan achromatic objectives	PL 4X/0.10		
	PL 10X/0.25		
	PLF L40X/0.85 (弹簧spring) (无放大率色差 No magnification spherochromatic aberration)		
	PL 100X/1.25 (弹簧,油 Spring, oil)		
目镜筒Eyepieces tube	三目镜, 30°倾斜 Trinocular, Inclination of 30°.		
落射荧光照明系统 Epi-fluorescent illumination system	3W 高亮单色LED, 可以按单色或双色进行组合, 各单色LED发光波长为: 绿色520nm~530nm, 蓝色460nm~470nm 3W high brightness LED. Enable selecting monochromatic or bichromatic LED for light source, every monochromatic LED wave band: Green (520nm~530nm) Blue ( 460nm~470nm)		
	荧光滤光片组: 蓝、绿。 Fluorescence filters: B (Blue) and G (Green).		
调焦机构 Focus system	粗微动同轴调焦, 微动格值: 2 μm, 带锁紧和限位装置 Coaxial coarse/fine focus system, with tension adjustable and limit stopper, minimum division of fine focusing: 2 μm.		
转换器 Nosepiece	五孔(内向式滚珠内定位) Quintuple (Backward ball bearing inner locating)		
载物台 Stage	双层机械移动式 (尺寸: 210mmX140mm, 移动范围: 75mmX50mm) Double layer mechanical (Size: 210mmX140mm, movingrange: 75mmX50mm)		
透射照明系统 Transmitted illumination system	阿贝聚光镜 NA.1.25 可上下升降 Abbe condenser NA.1.25 Rack & pinion adjustable		
	蓝滤色片和磨砂玻璃 Blue filter and Ground glass		
	集光器适应于LED照明 (内置视场光栏) Collector for LED illumination and integrated field diaphragm		
	3W 高亮白光LED, 亮度可调 3W high brightness white LED, brightness adjustable.		
选配件 Optional accessories	目镜 Eyepiece	分划目镜 Dividing eyepiece 10X (field number: Φ22mm)	
	物镜 Objective	无限远平场消色差物镜 Infinity plan achromatic objective 60X	
	滤色片 Filter	绿、黄滤色片 Green filter, Yellow filter	
	荧光滤光片组 Fluorescent filters	紫光390nm~400nm Violet (390nm~400nm)	
		紫外光360nm~370nm Ultraviolet (360nm~370nm)	
	CCD接头 Adapter	0.4X、0.5X、1X、0.5X带分划 With dividing	
	摄像仪 Camera	USB输出: 130/300/500/900万像素 USB Output: 1.3M/3.0M/5.0M/9.0M pixel Video输出: 380/520电视线 Video output: 380/520 TV Line	
	数码相机接头 Digital camera adapter	CANON (EF) NIKON (F)	