



**BANBROS ENGINEERING PVT. LTD.**

The Precision Measurement People

# EPI-FLUORESCENCE MICROSCOPE



- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*

**BL-3201-LED**



BL3201 LED EPI- Fluoroscence 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 and 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 etc. It is equipped with no magnification spherochromatic abbreition infinity plan achromatic fluroscent objective 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 etc.

**TECHNICAL SPECIFICATIONS:**

Model No.	BL-3201-LED
Eyepiece	Wide field WF 10X (Φ22mm)
Infinity plan achromatic objective	PL 4X/0.10 PL 10X/0.25 PLF 40X/0.85 PL 100X/1.25
Eyepiece Tube	30° Trinocular, Inclination of 30°
Epi- Fluorescent Illumination System	<b>3W high brightness LED, enable selecting monochromatic or bichromatic LED for light source, every monochromatic LED wave band: Green (520nm ~ 530nm) Blue (460nm ~ 470nm)</b>
Focus System	Coaxial course/ fine focus system with tension adjustable and limit stopper, minimum divisible of fine focusing: 2μm
Nosepiece	Quintuple (Backward ball bearing inner locating)
Stage	Double layer mechanical (size: 210mmx 140mm. Moving range: 75mm x50mm)
Transmitted illumination system	<b>Abbe condenser NA.1.25 Rack and pinion adjustable Blue filter and ground glass</b> <b>Collector for LED illumination and integrated field diaphragm</b> 3W high brightness white LED, brightness adjustable
Optional Accessories	Eyepiece: Dividing Eyepiece 10X (Field Number: Φ22mm))
	Objective: Infinity Plan Achromatic objective 60X
	Filter: Green Filter, Yellow Filter
	<b>Filter: Green Filter, Yellow Filter</b>
	<b>Fluorescent Filters: Violet (390nm-400nm)</b> Ultraviolet (360nm-370nm)
	Adapter: 0.4X, 0.5X, 1X, 0.5X with dividing
	Camera: USB Output: 1.3M/3.0M/5.0M/9.0M Pixel Video Output: 380/520 TV line
Digital Camera adapter: Canon (EF) Nikon (F)	