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## LB-275 Trinocular LED Fluorescent Biological Microscope with Wide Field and Infinite Plan Optical System (Infinity Color Corrected System) (Anti-Fungus)

### Introduction

**LB-275 Trinocular LED Fluorescent Biological Microscopes** are newly developed microscopes, the microscopes use LED as the light source, the life span of the LED lamp is much longer than mercury lamps, the performance is also better.

### Applications

LB-275 Trinocular LED Fluorescent Biological Microscopes are used to study the absorbing, transportation, chemicals distribution and positioning in cells. They are widely used in disease examination, immune diagnosis and life science areas.

### Technical Specifications

Optical System:	Infinite Optical System			
Viewing Head:	Seidentopf Trinocular Viewing Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm			
Eyepiece:	Wide Field Eyepiece WF10×/20			
Nosepiece:	Backward Quadruple Nosepiece			
Objective:	Infinite Plan Achromatic Objective 4×(N.A0.10, W.D15.5mm), 10×(N.A0.25, W.D5.02mm), 40×(N.A0.65,W.D0.60mm), 100×(N.A1.25, W.D0.13mm)			
Condenser:	Abbe Condenser NA1.25 with Aperture Diaphragm			
Focusing:	Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation Fine Stroke 0.2mm per Rotation, Moving Range 22mm			
Stage:	Rectangular 216×150mm, Cross Travel 78×54mm, Using Low-positioned X/ Y Coaxial Control Knob, Can Hold Two Sides			
Illumination:	LED Illumination 3W, Brightness Adjustable, 12V/20W Halogen Lamp (optional) Kohler illumination (optional)			
Reflected Light Source:	Excitation	Dichroic Mirror	Barrier Filter	
	Blue excitation	BP460~490	DM505	BA515
	Green excitation	BP510~550	DM570	BA590
Lamp:	3W LED Lamp (465-476nm)			
Immersion Oil:	Fluorescent Free Oil			
Dimensions:	38cm*26cm*51cm, 9kg			

### Sample Images

