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**LB-245 Trinocular LED Fluorescent Biological Microscope with Seidentopf Trinocular Head, Wide Field, Epi-Fluorescent Attachment and Infinite Semi-Plan Achromatic Objectives and Infinite Optical System**

## Introduction

**LB-245 Trinocular LED Fluorescent Biological Microscope with Seidentopf Trinocular Head, Wide Field, Epi-Fluorescent Attachment and Infinite Semi-Plan Achromatic Objectives and Infinite Optical System (Infinity Color Corrected System)** are newly developed microscopes, the microscopes use LED as the light source, the life span of the LED lamp is much longer than mercury lamp, the performance is also better.

## Applications

**LB-245 Trinocular LED Fluorescent Biological Microscope with Seidentopf Trinocular Head, Wide Field, Epi-Fluorescent Attachment and Infinite Semi-Plan Achromatic Objectives and Infinite Optical System (Infinity Color Corrected System)** 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 Head Inclined at 30°, Interpupillary Distance 50-75mm			
Eyepiece:	Wide Field Eyepiece WF10×/18			
Nosepiece:	Backward Quadruple Nosepiece			
Objective:	Infinite Semi-plan Achromatic Objective 4× 10× 40× 100×			
Condenser:	Sliding-in Centerable Condenser NA 1.25			
Focusing:	Coaxial Coarse & Fine Adjustment System, Fine Division 0.002mm, Coarse Stroke 37.7mm per rotation, Fine Stroke 0.2mm per rotation, Moving Range 20mm			
Stage:	Double Layers Mechanical Stage 140×140/ 75×50 mm			
Illumination:	Halogen Lamp 6V/20W			
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			

