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LB-281 Trinocular LED Fluorescent Biological Microscope with Seidentopf Trinocular Head, Wide Field, Backward Quintuple Nosepiece, Kohler and LED Illumination, Infinite Plan Achromatic Objectives, (Infinity Color Corrected System) Reflected Light Source and Infinite Plan Optical System

Introduction

LB-281 Trinocular LED Fluorescent Biological Microscope with Seidentopf Trinocular Head, Wide Field, Backward Quintuple Nosepiece, Kohler and LED Illumination, Infinite Plan Achromatic Objectives, (Infinity Color Corrected System) Reflected Light Source and Infinite Plan Optical 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-281 Trinocular LED Fluorescent Biological Microscope with Seidentopf Trinocular Head, Wide Field, Backward Quintuple Nosepiece, Kohler and LED Illumination, Infinite Plan Achromatic Objectives, (Infinity Color Corrected System) Reflected Light Source and Infinite Plan Optical 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 48-75mm			
Eyepiece:	Wide Field Eyepiece WF10×/22			
Nosepiece:	Backward Quintuple Nosepiece (Can be supplied with backward sextuple nosepiece (optional))			
Objective:	Infinite Plan Achromatic Objective 4× 10× 40× 100×			
Condenser:	Swing Condenser NA 0.9/0.25			
Focusing:	Coaxial coarse & fine adjustment, Fine division 0.001mm			
Stage:	Double Layers Mechanical Stage 185×142/ 75×55 mm			
Illumination:	External Kohler illumination, Aspherical collector, Halogen lamp 6V/30W			
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			

