



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 $4 \times 10 \times 40 \times 100 \times$

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 $140 \times 140 / 75 \times 50 \text{ mm}$

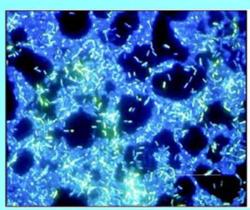
Illumination: Halogen Lamp 6V/20W

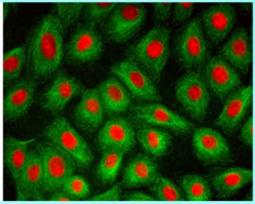
Reflected Light Source: Excitation Dichroic Mirror Barrier Filter

Blue excitation BP460~490 DM505 BA515 Green excitation BP510~550 DM570 BA590

Lamp: 3W LED Lamp (465-476nm)

Immersion Oil: Fluorescent Free Oil







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