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LB-291 Inverted Trinocular Biological Microscope with Infinite Optical System (Infinity Color Corrected System)

Introduction

LB-291 Inverted Trinocular Biological Microscope with Infinite Optical System (Infinity Color Corrected System) is a high level microscope which is specially designed for medical and health units, universities, research institutes to observe cultured living cells. It adopts an Infinite optical system, reasonable structure and ergonomic design. With an innovative optical and structure design, excellent optical performance and easy to operate system, this inverted biological microscope makes your works enjoyable.

Applications

LB-291 Inverted Trinocular Biological Microscope with Infinite Optical System is used by medical and health units, universities, research institutes for observations of micro-organisms, cells, bacteria and tissue cultivation. It can be used for continuous observation of process of cells, bacteria grow and divide in the culture medium. Videos and images can be taken during the process. This microscope is widely used in cytology, parasitology, oncology, immunology, genetic engineering, industrial microbiology, botany and other fields.

Specifications

Optical System:	Infinite Optical System
Viewing Head:	Seidentopf Trinocular Viewing Head, Inclined at 45°, 360° Rotatable, Interpupillary Distance 48-75mm
Eyepiece:	Wide Field Eyepiece WF10×/ 22, Eyepiece Tube Diameter 30mm
Objective:	LWD (Long Working Distance) Infinite Plan Achromatic Objective 4×/ 0.1, WD 22mm LWD (Long Working Distance) Infinite Plan Achromatic Phase Objective 10×/ 0.25, WD 6mm, 20×/ 0.4, WD 3.1mm, 40×/ 0.55, WD 2.2mm
Nosepiece:	Backward Quintuple Nosepiece
Condenser:	ELWD(Extra Long Working Distance) Condenser NA 0.3, LWD 72mm (Without Condenser the WD is 150mm)
Centering Telescope:	Centering Telescope (Φ30mm)
Phase Annulus:	10×-20×, 40× Phase Annulus Plate(Fixed)
Stage:	Auxiliary Stages 70mm×180mm Terasaki Holder Petri Dish Holder Φ35MM Slide Glass Holder Φ54MM Attachable Mechanical Stage, X-Y coaxial control, Moving Range 80 x 120 mm
Focusing:	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range up 8mm, down 3mm
Illumination:	Halogen Lamp 6V/30W, Brightness Adjustable
Filter:	Blue, Green and Frosted Glass Filter, Diameter 45mm
Dimension & G.W.:	46.5cm*39.5cm*64cm, 18kg

