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## LB-702 Inverted Trinocular Fluorescent Biological Microscope with Infinite Optical System

### Introduction

LB-702 Inverted Trinocular Fluorescent Biological Microscope uses ultraviolet as the light source, objects which are radiated then fluoresce, and then the shape of an object and its location can be observed under the microscope. LB-702 Inverted Trinocular Fluorescent Biological Microscope is specifically designed for the observation of cell culture. Excellent high resolution fluorescent objectives provide high quality fluorescent images. Infinite Optical System gives excellent Optical performance. This microscope can be your best assistant in laboratory research.

### Applications

LB-702 Inverted Trinocular Fluorescent Biological Microscope is specifically designed for the observation of cell culture. It is widely used in disease examination, immune diagnosis and laboratory research.



### Technical Specifications

Optical System:	Infinite Optical System
Viewing Head:	Seidentopf Trinocular Head Inclined at 30°, Interpupillary 48-75mm
Eyeiece:	High-point, Extra Wide Field Eyepiece EW10×/ 22
Nosepiece:	Quintuple Nosepiece
Objective:	LWD Infinite Plan Objective, 4×/0.1, WD 18mm, 40×/0.6, WD 2.6mm Infinite Plan Phase Objective, PH 10×/0.25, WD 10mm, PH 20×/0.4, WD 5.1mm
Condenser:	ELWD Condenser NA 0.3, LWD 72mm
Focusing:	Coaxial Coarse and Fine Adjustment, Vertical Objective Movement, Coarse Stroke 37.7mm per rotation, Fine Stroke 0.2mm per rotation
Stage:	Plain stage 160×250 mm, Glass Insert, Attachable Mechanical Stage, X- Y Coaxial Control, Moving Range 120×78 mm
Auxiliary Stages	70×180mm
Illumination:	Halogen Lamp 6V/ 30W
Filter:	Blue/ Green and Frosted Glass Filter (φ45mm)
Filters (Optional):	Ultraviolet Excitation Filter, Violet Excitation Filter
Reflected Light Source:	Blue excitation, BP460~490, Dichroic Mirror DM500, Barrier Filter BA520 Green excitation, BP480~550, Dichroic Mirror DM570, Barrier Filter BA590
Lamp:	100W HBO Ultra Hi-voltage Spherical Mercury Lamp
Protection barrier:	Barrier to Resist the Ultraviolet Light
Power Supply:	Power Supplier NFP-1, 220V/ 110V interchangeable, Digital Display
Immersion Oil:	Fluorescent Free Oil
Centering Plate:	Yes