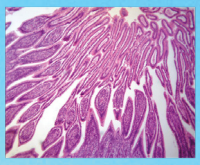
LABOMED, INC.



LB-705 Trinocular Inverted Flourescent Biological Microscope with Wide Field and Infinite Optical System

LB-705 Inverted Fluorescent Biological Microscope uses mercury lamp 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. The **LB-705 Inverted Fluorescent Biological Microscope** is specifically designed for the observation of cell culture. Excellent high resolution objectives provide high quality fluorescent images. Infinite Optical System gives excellent Optical performance. This microscope can be your best assistant in laboratory research.

APPLICATION

LB-705 Inverted Fluorescent Biological Microscope is specifically designed for the observation of cell culture. It is widely used in universities, hospitals and life science labs for disease examination, immune diagnosis and scientific research. **LB-705 Inverted Fluorescent Biological Microscope** can scan living and dead cells at the same time.

Labomed, Inc. • 2728 S La Cienega Blvd. Los Angeles, CA 90034 U.S.A. • 1(310) 202-0811 • spectro@labomed.com • www.labomed.com

LABOMED, INC.

FEATURES

1. Perfect image with infinite optical system.
2. High resolution fluorescent objectives are optional for excellent fluorescent images.
3. Advanced and precision lamp housing reduces the light leak.
4. Reliable power supply with digital display and timer.
5. Innovative structure and sharp Image is perfect for viewing cell tissue.

SPECIFICATION

Model	LB-705
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×/ 20mm, Eyepiece Tube Diameter 30mm
Objective	
LWD(Long Working Distance) Infinite Plan Achromatic Objective	4×/0.1, W.D.= 22mm
LWD(Long Working Distance) Infinite Plan Achromatic Phase Objective	10×/ 0.25, W.D.= 6mm 20×/ 0.4, W.D.= 3.1mm 40×/ 0.55, W.D.= 2.2mm
Nosepiece	Backward Quintuple Nosepiece
Condenser	ELWD(Extra Long Working Distance) Condenser NA 0.3, LWD 72mm (Without Condenser 150mm)
Telescope	Centering Telescope (Φ30mm)
Phase Annular	10×, 20×, 40× Phase Annular Plate(Center Adjustable)
Stage	Plain Stage 230×170mm

Labomed, Inc. • 2728 S La Cienega Blvd. Los Angeles, CA 90034 U.S.A. • 1(310) 202-0811 • spectro@labomed.com • www.labomed.com

LABOMED, INC.

	Glass Insert Plate
	Attachable Mechanical Stage, X,Y Coaxial Control, Moving Rang 80mm×120mm
	Auxiliary Stages 70mm×180mm
	Terasaki Holder
	Petri Dish Holder Φ38mm
	Petri Dish Holder Φ54mm
Focusing	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Moving Range up 4.5mm, down 4.5mm
Transmitted Illumination	Halogen Lamp 6V/30W, Brightness Adjustable

Reflected Light Source

	Excitation	Dichroic Mirror	Barrier Filter
Blue excitation	BP460～490	DM500	BA520
Green excitation	BP480～550	DM570	BA590

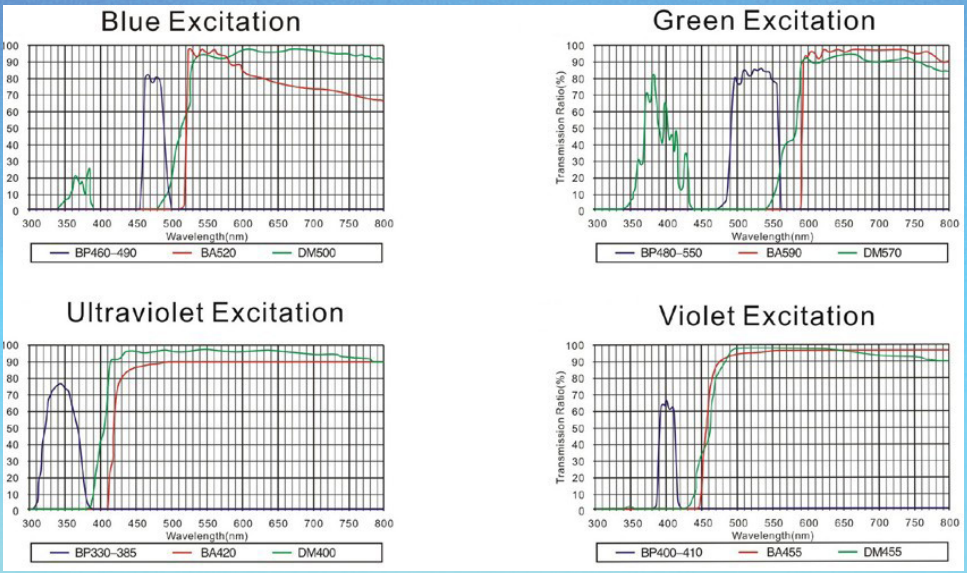
Lamp	100W HBO Ultra Hi-voltage Spherical Mercury Lamp
Protection barrier	Barrier to Resist the Ultraviolet Light
Power Supplier	Power Supplier NFP-1, 220V/ 110V interchangeable, Digital Display
Immersion Oil	Fluorescent Free Oil
Centering Target	
Filter	Blue, Green and Ground Glass, Diameter 45mm
Hood Height	18.74 Inches
Eye Level Height	16.73 Inches
Accessories	0.5× C-mount (Used to directly connect a C-mount digital camera to the microscope)
Package	2 cartons/set, 36*61*62cm, 18kg; 38*45*26cm, 6kg

LB-705 INVERTED FLUORESCENT BIOLOGICAL MICROSCOPE ATTACHMENTS

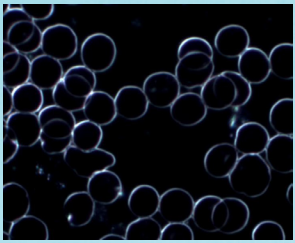
Labomed, Inc. • 2728 S La Cienega Blvd. Los Angeles, CA 90034 U.S.A. • 1(310) 202-0811 • spectro@labomed.com • www.labomed.com

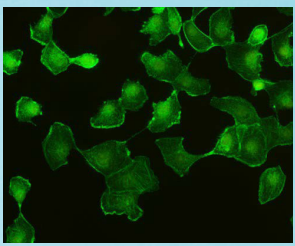
LABOMED, INC.

CHARACTERISTICS OF MIRROR UNITS WAVELENGTH



SAMPLE IMAGES





Labomed, Inc. • 2728 S La Cienega Blvd. Los Angeles, CA 90034 U.S.A. • 1(310) 202-0811 • spectro@labomed.com • www.labomed.com