# LABOMED, INC.

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## LB-263 Biological Binocular Flourescent Microscope With LED Illumination and Infinite Optical System (Infinity Color Corrected)

## Introduction

LB-263 Biological Binocular Flourescent Microscope With LED Illumination and Infinite Optical System (Infinity Color Corrected) has an infinite optical system. The microscope is using LED illumination as the light source; the life span of the LED lamp (more than 50000 hours) is much longer than mercury lamp.

## Applications

LB-263 Biological Binocular Flourescent Microscope With LED Illumination and Infinite Optical System (Infinity Color Corrected) are used to study the absorbing, transportation, chemicals distribution and positioning in cells. They are widely used in disease examinations, immune diagnosis and life science areas.

## Specifications

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| Optical System: | Infinite optical system |
| Viewing Head: | Seidentopf Binocular viewing head, inclined at 30 degree, 360 degree rotatable, Interpupillary distance 50-75 mm. |
| Eyepiece: | WF 10X/20 with diopter adjustment<br>WF 16X/13 (optional) |
| Objective: | Infinite E-Plan Achromatic objectives 4X, 10X, 40X, 100x (OIL) |
| Nosepiece: | Backward Quadruple Nosepiece<br>Backward Quintuple Nosepiece (optional) |
| Focusing: | Coaxial coarse and Fine focusing knobs, Travel range: 26mm, scale: 2um |
| Stage: | Stage size 145X140mm, Cross Travel 76X52mm, Two slide holder |
| Condenser: | Abbe condenser NA1.25 with aperture diaphragm |
| Illumination: | 6V/20W Halogen lamp, Brightness adjustable<br>3W LED illumination, Brightness adjustable (optional) |
| Reflected Light Source: | Blue excitation, BP460～490, Dichroic Mirror DM500, Barrier Filter BA520<br>Green excitation, BP480～550, Dichroic Mirror DM570, Barrier Filter BA590 |
| Lamp: | 3W LED lamp (465-476nm) |
| Immersion Oil: | Flourescent free oil |
| Dimension & G.W.: | 42cmx28cmx45cm, 40cmx20cmx40cm, 12Kg |

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