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LB-272 Biological Binocular Digital Microscope with Infinite Optical System (Infinity Color Corrected System) and Built-in 3.2MP Digital Camera (Anti-Fungus)

Introduction

This microscope is a high level microscope which is specially designed for college education, medical and laboratory study. It adopts an Infinite optical system, beautiful structure and ergonomic design. With an innovative optical and structure design idea, excellent optical performance and easy to operate system, this biological microscope makes your work enjoyable.

Features

Excellent image quality with infinite optical system.

Comfortable operating with ergonomic design.

Better illumination with sliding-in centerable condenser, convenient to replace phase contrast and dark field condenser.

Advanced design of mechanical stage structure prevents the scratches of users.

Applications

This microscope is an ideal instrument for the biological, histological, pathological, bacteriology, immunization, and pharmacy fields, and can be widely used in medical and sanitary establishments, laboratories, institutes, academic laboratories, colleges and universities.

Specifications

Optical System:	Infinite optical system
Viewing Head:	Seidentopf Binocular Viewing Head with built-in 3.2MP camera, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm
Eyepiece:	WF10×/20
Objective:	Infinite achromatic objective 4×, 10×, 40×, 100×
Nosepiece:	Backward quadruple nosepiece (Can be supplied with backward quintuple nosepiece (optional))
Focusing:	Coaxial coarse & fine adjustment, range 25mm, fine division 0.002mm
Stage:	Rectangular 216×150mm, cross travel 78×54mm, using low-positioned X/ Y coaxial control knob, can hold two slides
Condenser:	Abbe condenser NA1.25 with aperture diaphragm
Illumination:	LED Illumination, Halogen Lamp, 12V/20W (optional) Kohler illumination (optional)
Dimension & G.W.:	38cm*26cm*51cm, 9kg
Dust Cover:	Supplied with dust cover

Digital Camera Parameters

Image Sensor:	1/2 inch 3.2MP CMOS Image Sensor(4:3)
Resolution:	2048×1536
Pixel size:	3.2μm × 3.2μm
Shutter type:	Electronic Rolling Shutter
Frame rate:	9 fps @ 2048×1536
Sensitivity:	61dB
SNR:	43dB
Operating temperature:	0°C ~ 60°C
Image Output:	USB2.0
Software:	ScopelImage 9.0
Operating System:	Windows 2000/ XP/ Vista/Win7/Mac



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