LB-121 Digital Monocular Microscope with Camera

Introduction

LB-121 Digital Monocular Microscope with Camera features a built in 1.3 MegaPixel Digital Microscopy Camera and professional software offering high resolution and user friendly operation. This combination of microscope, digital imaging system and software is easy to operate offering outstanding performance. It can take photos, videos and do measurement functions. The objectives are 4x, 10x, 40x and 100x for clear observation. Illumination is LED with variable light intensity. The microscope is primarily designed for students for image capturing and distant sharing. This unique combination of microscope, image system and software makes LB-121 microscopy system a professional tool for education applications. This microscope also provides a superior cost effective solution for computer interactive laboratory and clinical environments.

Applications

This microscope is ideally suited for school biological education. We can use it to observe all kinds of slides. We can also use it as a toy or other applications to examine coins, stamps, PC boards, insects, and other objects especially at the lower powers.

Technical Specifications

Monocular Head:	Monocular eyepiece, 45º Inclined, 360º Rotatable with built-in CMOS camera, 1/3" 1.3MP, resolution: 1280×1024, USB2.0 Connection.
Software:	Capturing image and showing live video on PC screen, Saving images as BMP, JPG files, software also has previewing, video, measuring comparing, saving and deleting functions.
Support multi-language:	Chinese, English, French, German, Japanese and Korea.
Eyepiece:	Wide Field Plane-Scope Eyepiece: WF10×/18
Objective:	45mm DIN Achromatic Objective: 4×, 10×, 40×(S), 100×(S, Oil)
Stage:	Double Layers Mechanical Stage: 115×125mm, Moving Range X-Y: 70×20mm, with Ø2-Ø30mm Iris Diaphragm And Ø32 Filter;
Condenser:	ABBE Condenser: N.A. 1.25 （Φ2-Φ30mm）
Focus:	Coaxial Coarse And Fine Focusing Adjustable
Illumination:	With an AC adapter, Built-in LED Lamp
System requirements:	• PC: Windows XP or above, Mac OS X.
	• CPU 200 Mhz or above
	• RAM 128 MB or above
	• Hard disk 500 MB or above
	• CD-ROM drive
	• USB plug
Accessories:	Packed in carton, with operation manual, dust cover, cleaning cloth, AC adapter and USB cable.
Optional:	Rechargeable battery(only for LED illumination)
Dimension& G.W	28cm×22cm×40cm, 3.5kg
Packing:	Carton, 4 Sets/Carton 29cm×88cm×42cm; 15kg