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LB-344 Zoom Stereo Binocular Digital Microscope with Extra Wide Field, LED Illumination and 3.2 MP Digital Camera

Introduction

Stereo microscopes are also known as low magnification and dissecting microscopes. LB-344 Zoom Stereo Binocular Digital Microscope with Extra Wide Field, LED Illumination and 3.2 MP Digital Camera on a post stand offers upright, un-reversed 3D images that remain in focus throughout the zoom range. Optional eyepieces and auxiliary objectives expand magnification range and working distances. LB-344 Zoom Stereo Binocular Digital Microscope with Extra Wide Field, LED Illumination and 3.2 MP Digital Camera is a very popular zoom stereo microscope. Optional cold light and ring light can be chosen for this microscope. You can also choose a trinocular head to add a digital camera with the appropriate camera adapter. In summary, LB-344 gives many range of magnifications, working distances, photo options, accessories and is very convenient to use – no wonder it is popular!

Features

- With high quality optical components, providing sharp and striking contrast image and ensure flat image at large depth of field. Ease the tiredness with ergonomic design.
- With LED light for both incident and transmitted illumination, providing even illumination and life expectancy of the LED light can reach 6000 hours.
- With Complete eyepieces, objectives and accessories, it is an ideal instrument for industry assembling, inspection and teaching field.

Applications

LB-344 Zoom Stereo Binocular Digital Microscope with Extra Wide Field, LED Illumination and 3.2 MP Digital Camera is of great value in a variety of applications such as circuit board repair, circuit board inspection, surface mount technology work, electronics inspection, coin collecting, gemology and gemstone setting, engraving, and repair and inspection of small parts.

Technical Specifications

Viewing Head:	Digital Viewing Head, Inclined at 45°, 3.2MP (2048×1536)
Eyepiece:	Extra wide field eyepiece EW10×/22
Zoom Objective:	0.8×-5×
Zoom Ratio:	6.3:1
Working Distance:	115mm
Interpupillary Distance:	57-75mm
Stage Plate:	Glass Insert Plate, Diameter 100mm, White & Black round plate
Illumination:	Incident Illumination 100V-240V/ LED, Transmitted Illumination 100V-240V/ LED
Package & Dimension:	36.5cm*31cm*52cm, 1pc/carton, 8.5kg

Digital Camera Specifications:

Image Sensor:	1/2 inch 3.2MP CMOS Image Sensor(4:3)
Active pixels:	2048×1536
Pixel size:	3.2μm × 3.2μm
Shutter type:	Global reset release (GRR), electronic rolling shutter (ERS)
Image Format Frame rate:	9 fps @ 2048×1536
Sensitivity:	>1.0 V/lux-sec (550nm)
Dynamic range:	61dB
SNR:	43dB
Operating temperature:	0°C ~ 60°C
Image Output:	USB2.0, Directshow and Twain
Operating System:	Windows 2000/XP/Vista
Software:	ScopelImage 9.0



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