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LB-1250 LCD Digital Biological Microscope

Introduction

LB-1250 LCD Digital Biological Microscope integrate traditional optics and digital technology. A 3.0MP digital camera is built in the head of the microscope, users can observe image on LCD screen and ocular at the same time. It support USB, AV, S-Video and Audio output and display real-time image on TV and PC at the same time. These microscopes make the observation more comfortable and resolve the fatigue caused by using a traditional microscope for a long time.

These microscopes integrate magnification, digital enlarge, imaging display, capture photo and video, store captured photos and videos on the optional SD card. Users can transfer images and videos to PC via the included USB cable.

Applications

LB-1250 LCD microscopes are widely used in teaching, medical, biological and scientific research fields.

Technical Specifications

Optical Part

Eyepiece:	Wide Field Eyepiece WF10×/18
Objective:	Semi-Plan Achromatic Objective 4×, 10×, 40×, 100×
Condenser:	Abbe NA1.25 Condenser with Iris Diaphragm and Filter
Stage:	Double Layers Mechanical Stage 140×140mm/75×50m
Nosepiece:	Quadruple Nosepiece
Illumination:	6V/ 20W Halogen Lamp Illumination, Adjustable Brightness

Digital Head

LCD	2.5" Color TFT LCD display, 100°maximum elevation angle, pivoting LCD screen
Output:	USB, AV, S-Video and Audio are available
Image sensor:	3.0 Megapixels CMOS sensor
Resolution:	Static Image 2048x1536, Video 320x240
Memory:	32MB, Built-in memory and expandable to maximum 1GB SD card
System:	Windows 2000, XP, Vista, 7 and 8
Software:	ScopeImage 9.0

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