



## [LB-1260] Compound LCD Digital Biological Microscope



**[LB-1260] Compound LCD Digital Biological Microscope** have a built-in 12.0MP camera. Both traditional eyepieces and an LCD screen can be used for convenient and comfortable viewing by yourself or sharing with others. These patented microscopes make the observation more comfortable and thoroughly resolves the fatigue caused by using a traditional microscope for a long time.

They are not only feature high resolution LCD display to reverting genuine photo and video, but also feature quick and easy snapshots or short videos. They integrate magnification, digital enlarge, imaging display, photo and video capture & storage on the SD card. They also can be connected to other LCD monitor or projector via HDMI interface.

### Feature

- Built-in 12.0 megapixel digital camera, image data can be easily stored on the SD card without external computers, can improve the efficiency of research and analysis.
- 9-inch HD digital LCD screen, high definition and bright colors, easy for people to share.
- Large storage capacity, with SD card, print pictures instantly without being connected to PC.
- LED lighting systems.
- Two kinds of observation modes, binocular eyepiece and LCD screen, which can meet different needs. Combine the compound microscope, digital camera and LCD together.

### Application

With the features of easy observation, intelligence and convenient operation, complete functions and economy, it is widely used in medical and sanitary establishments, academic demonstration and research, laboratories, institutes, colleges and universities.



## Technical Specifications

Digital Parts	
Model	
Resolution	12.0 Mega Pixel
Photo Resolution	12.0MP
Video Resolution	1920×1080/30fps
Sensor Size	1/2.5 Inches
LCD Screen	9 Inches HD LCD Screen, Resolution is 1280×800
Data Output	USB2.0, HDMI
Storage	SD Card (4G)
Exposure Mode	Auto Exposure
Date Mode	Year, Month, Day, Hour, Minute
Optical Parts	
Viewing Head	Seidentopf Binocular Head, Inclined 30°, Interpupillary Distance 55-75mm
Eyepiece	Wide Field Eyepiece WF10×/ 18mm
Objective	Infinite Plan Achromatic 4×/0.10, 10×/0.25, 40×/0.65(Spring), 100×/1.25 (Spring,Oil)
Nosepiece	Quadruple
Stage	Double Layers Mechanical Stage 140mm×140mm; Moving Range:75mm×50mm
Focusing System	Coaxial Coarse/Fine Focus System with Tension Adjustable, Limit Stopper, Range 24mm, Fine Division 0.002mm
Illumination	3.7V, 3W LED Lamp, Brightness Adjustable
Condenser	NA1.25 Abbe Condenser with Iris Diaphragm
Eyepiece	Wide Field Eyepiece WF16×/11mm
	Wide Field Eyepiece WF10× /20mm with a Reticle, Single Line, 10mm/100, Cross Hair(0.1mm Micro-meter)
Condenser	Dark Field: Dry NA0.75/ Oil NA1.25
Infinity Phase Contrast Unit	Centering Telescope
	Infinite Phase Contrast Plan Achromatic Objective 10×, 20×, 40×, 100×
Polarization Unit	Polarizer (360°Rotatable )
	Analyzer
Illumination	6V, 20W Halogen Lamp, Brightness Adjustable



## Sample Image

