



www.labomed.com  
spectro@labomed.com

## LB-342 Digital LCD Stereo Microscope (5.0MP) with 9 inch HD LCD screen with HD video and HDMI output

### Introduction

LB-342 Digital LCD Stereo Microscopes has renovated the traditional way of microscopic observation and adopted a modern way of electronic imaging and a high resolution LCD screen. A LED illumination is built-in the microscope head. This patented microscope makes the observation more comfortable and thoroughly resolves the fatigue caused by using a traditional microscope for a long time.

### Applications

LB-342 Digital LCD Stereo Microscope (5.0MP) can be conveniently used to test and inspect product assembly, it also can be used in research and teaching fields.

### Technical Specifications

LCD Screen:	9 Inches HD TFT Screen
LCD Resolution:	1280×800
Sensor Resolution:	5 Mega Pixel (2560×1920)
Sensor Size:	1/2.5 Inches
Photo Resolution:	2560×1920 CMOS
Video Resolution:	720P/30fps
Photo/Video Playback:	Yes
Data Output:	HDMI
External Interface:	Projector/Monitor
Language:	English
Measurement:	Crosshair
Positioning:	Crosshair/Arrow Pointer
Coordinate Colors:	Black/White/Red/Blue/Green
Date Mode:	Year, Month, Day, Hour, Minute
Objectives:	Continuing Zoom Range 0.7× ~ 4.5×
Zoom Ratio:	1:6.5
Total Magnification:	9×-80×
Digital Magnifications:	8×
Field of View:	16×12mm-2.45×1.8mm
Working Distance:	With 1× objective, 100mm; With 0.5× objective, 203mm; With 2× objective, 50mm
Storage:	SD Card (4G)
Exposure:	Manual/Auto
White Balance:	Manual/Auto
Color Mode:	Color/Black&White/Negative
Top Illumination:	Four-zone LED Ring Lighting Control
Voltage Input:	100V-240V, 50Hz/60Hz

