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## LB-1321 Digital LCD Stereo Measuring Microscope

### Introduction

LB-1321 Digital LCD Stereo Microscopes have renovated the traditional way of microscopic observation and adopted a modern way of electronic imaging. 9x-240x zoom magnification. This patented microscope makes the observation more comfortable and thoroughly resolves the fatigue caused by using a traditional microscope at work for a long time. It features high resolution of LCD display to generate genuine photo and video. This unit integrates X/Y digital micrometer and moving measuring stage for measuring functions.

### Applications

LB-1321 can be conveniently applied to testing and inspecting in product assembly, research and teaching fields.

### Technical Specifications

#### Digital Parts

Resolution:	5 Megapixel
Photo Resolution:	2560×1920~1600×1200
Video Resolution:	640×480
Data Output:	USB2.0
Menu Language:	Chinese / English
Storage:	SD Card Slot with Optional Memory Cards (Maximal Storage Capacity is 4G)
Exposure Mode:	Auto Exposure
Date Mode:	Year, Month, Day, Hour, Minute
Sensor Size:	1/2.5 Inches
LCD Screen:	8 Inches TFT Screen, Resolution is 800 X 600
Video Output:	AV Output (NTSC/PAL)
Voltage:	100v-240v 60HZ/50HZ

#### Optical Parts

Objective Zoom Range:	0.7×-4.5
Zooming Ratio:	1 : 6.5
Magnification:	19×-120×
Visual Field:	6.8×8.9-1.0×1.3mm
Working Distance:	88mm
X-Y Axis Moving Survey Range:	30X30mm
Minimum Measuring Reading:	0.001mm
Measurement Accuracy:	<7um

#### Optional Parts

Objective:	0.5X/0.75X/1X/1.5X/2X
Base Light:	Built-in LED Base Illumination: 45pcs LED Bulbs, 5W
Longer Stand and Base:	Using 0.5X Objective Lens ,Working Distance is 175mm (Max)

