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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) |

