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## LB-343 Digital LCD Stereo Measuring Microscope

### Introduction

LB-343 Digital LCD Stereo Measuring Microscope (5.0MP) has renovated the traditional way of microscopic observation and adopted a modern way of electronic imaging, a high resolution LCD screen and an accurate measurement stage. This patented microscope makes the observation more comfortable and thoroughly resolves the fatigue caused by using a traditional microscope 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-343 Digital LCD Stereo Measuring Microscope (5.0MP) can be conveniently applied to testing and inspecting in product assembly, 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 or 1600×1200
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
Measurement Stage:	Moving range: 30mm*30mm Measuring accuracy: 0.005mm
Voltage Input:	100V-240V, 50Hz/60Hz



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