

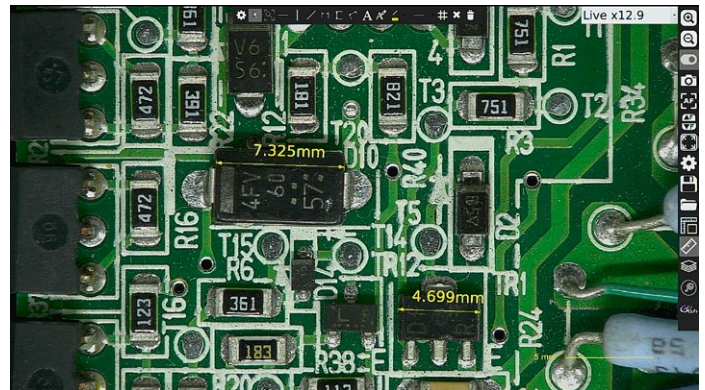
Macro Digital Microscope System

LECO's Macro Digital Imaging System is a self-contained, full HD (1080p) digital microscope and measurement system that operates without a PC. The system offers powerful image processing and control while delivering vibrant, full HD live image quality at 60 frames-per-second, enabling it to be used as a solution for quality control, testing, rework, assembly, inspection, and documentation.



Features

- All-in-one imaging and measuring system
- Save and recall images internally
- Factory calibrated for all magnifications
- Transfer images to PC via USB or network connection
- Intuitive Graphical User Interface
- High-definition live imaging
- No PC required
- Camera control functions including auto/manual focus, exposure, gain, brightness, and white balance ensure ultra-sharp, high contrast imaging
- Fast auto-focus and click-to-focus
- Image stacking function to create images of complex parts and samples
- Calibrated point-to-point measurement app to make quick, accurate 2D measurements



Make calibrated measurements in a snap.



Stacking to create images of complex parts.



Lens Specifications

Lens	Magnification*			F.O.V. Min Zoom (mm)	F.O.V. Max Zoom Optical (mm)	Working Distance (mm)
	Min Optical	Max Optical	Max Digital			
+5	2.1	65.6	131.6	240 x 135	8.34 x 4.6	195
+10	4.1	130	259.9	80 x 71	4.1 x 2.2	79

*Magnification obtained using 24" Monitor

Unit Specifications

Camera Resolution	HD 1080p; 1920x1080; 60fps; 30X optical; 2X digital
Zoom	5D Lens; 2.1X to 65.6X optical zoom with 24 in monitor
Basic Functions	Auto/Manual focus; brightness adjustment; magnification adjustment; snapshot; overview; high contrast mode; height adjustable; LED quadrant lighting
Additional Features	Calibrated point-to-point measurement & image stacking applications
Response Time	5 ms
Input / Output Modes	HDMI Output; USB 2.0 port x4 RJ45 Ethernet network connector; General purpose IO port x3; DC 24V power jack
Monitor Format	HD ready or Full HD 16:9 (recommended); 24" monitor included
Power Supply	100/240V; 50/60Hz; 24W power consumption
Dimensions/Weight	406 mm D x 305 mm W x 610 mm H, with standard stand; 7.25 kg
Temperature	Storage: -10°C to 60°C Operating: 5°C to 40°C

Part Number

863-785-326	Macro Digital Imaging System with 24 inch Monitor
863-785-327	Macro Digital Imaging System with 24 inch Monitor and Track Stand

Optional Accessories

863-785-311	Lens +10
863-785-303	Track Stand with Coarse and Fine Focus
863-785-306	Flex Arm Stand with Bench Clamp with Fine and Coarse Focus

Specifications and part numbers may change. Consult LECO for latest information.
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