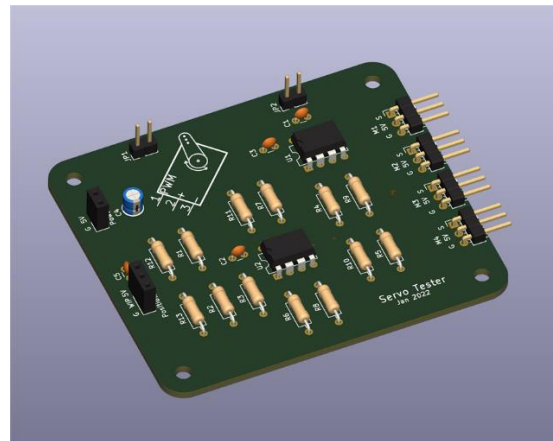


ANGULAR 3D MICROSCOPE



MODEL: MA-48



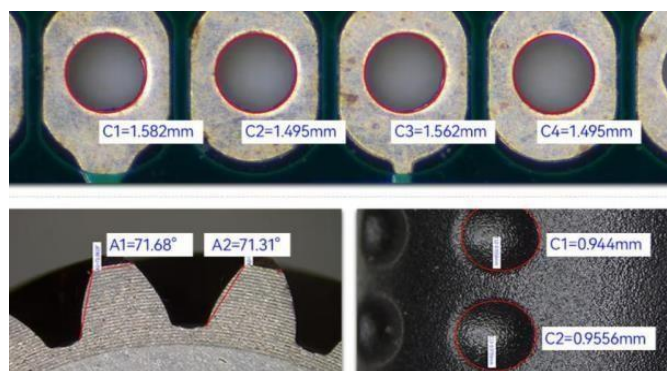
Product introduction

Compared with traditional optical microscopes, MA – 48 Angular Microscope has the advantages of magnification display, digital magnification, easy observation, easy data storage, and intelligent operation, which can significantly reduce the fatigue of long duration work, one-button startup can achieve high-definition Video image observation provides users with a fast and comfortable experience.

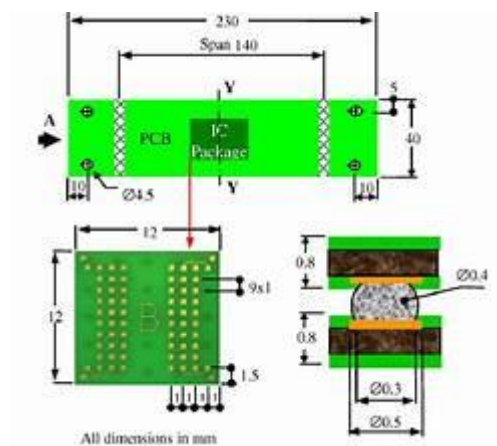
MA – 48 integrates a continuously zooming optical lens and a high-definition digital camera. The display, camera, and ring light are all integrated with the body, saving work space.

MEASUREMENT SOFTWARE

MA – 48 has measurement function that can measure length, perimeter, area, radius, angle, etc. User can personalize the line width, color and font of the measurement target. Easy-to-use, efficient flat user interface.



The multi-functional continuous zoom video microscope has image display and measurement functions. It can measure length, angle, circle diameter and other geometric quantities through the screen and mouse. Built-in LED ring light lighting, the brightness can be adjusted through the on-screen menu. On-screen menus are completed through mouse operation, without the need for a computer and keyboard. Images can be taken and files can be saved into USB memory stick / pen drive.



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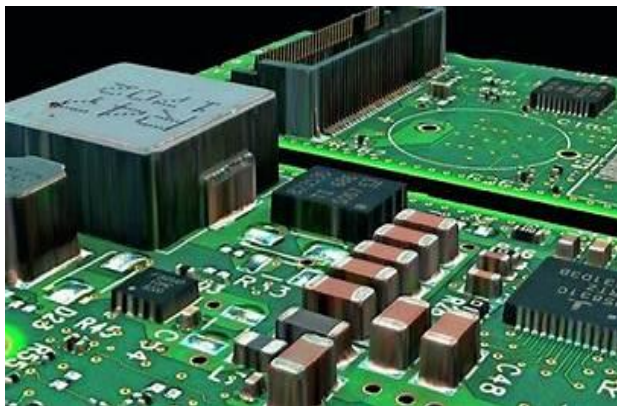


LED Ring Light



2D/3D Module

Both 2D and 3D Observations are Available in this Microscope



3D view



2D view

3D Technical Specifications

1. **Zoom ratio:** 1:6.7
2. **Objective zoom range:** 0.7X - 4.5X continuous zoom
3. **Working distance:** 100 (mm)
4. **Monitor:** 11.6inch LCD monitor
5. **Total magnification:** 12X-84X
6. **Light source:** LED adjustable brightness
7. **Visualization:** 2D & 3D (360 Degrees)

Model	MA-48	
Magnification	12X-84X	
Objective	0.75X-4.5X	
Sensor	1/2"COMS	
Camera & Resolution	8.3 MP (3840 * 2160)	
Output	HDM, USB, Network port	
Display	11.6 Inch 4K	
Function	Real-time observation, photography, video recording, measurement, storage, and data output	
	WORKING DISTANCE	FIELD OF VIEW
	100 MM	23X15-2.8X1.2 MM
Light	In - built LED Ring light Adjustable Brightness	
Power supply	Input 100V-240V-AC50/60HZ, output DC12V2A	

2D Technical Specifications

1. **Zoom ratio:** 1:6:7
2. **Objective zoom range:** 0.7X - 4.5X continuous zoom
3. **Working distance:** 105-110 (mm)
4. **Focus range:** 106 (mm)
5. **Monitor:** 11.6inch LCD monitor
6. **Light source:** LED adjustable brightness
7. **Visualization:** 2D

Magnification	12X-84X			
Objective	0.75X-4.5X			
Sensor	1/2"COMS			
Camera	8.3 MP (3840 * 2160)			
Output	HDM, USB, Network port			
Display	11.6 Inch 4K			
Function	Real-time observation, photography, video recording, measurement, storage, and data output			
	With Standard		With Auxiliary objective lens 0.5X	
Display size	W.D.100mm		W.D.165mm	
	Mag.	Field of view	Mag.	Field of view
	12X-84X	23X15-2.8X1.2	8.6X-55.2X	37.5X21-5.5X3.0
Light	In - built LED Ring light Adjustable Brightness			
Power supply	Input100V-240V-AC 50/60HZ, output DC12V2A			