

POMEAS 3D Microscope Series: High depth-of-field 3D microscope for 360° real-time image observation

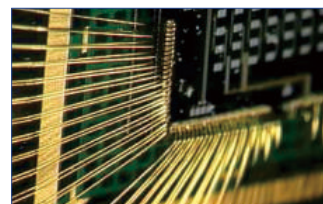
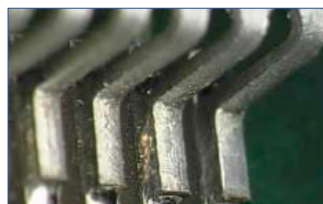
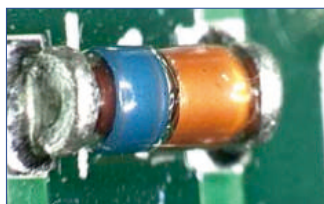
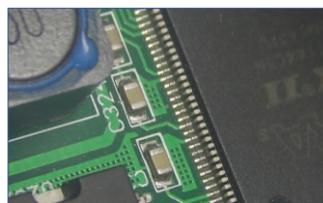


Products Introduction

- ◆ The 3D video microscope has a variety of 3D viewing angles: 30°, 40°, 45°. The DC servo motor drives the 3D translating mirror to rotate 360° around the sample, and conducts the image in real time on a high-definition monitor for online observation. The 3D video microscope allows you to design the rotation speed, clockwise and counterclockwise viewing direction and adjust the brightness of the ring light source to achieve a perfect view of the specimen by using the standard control box.
- ◆ The 3D video microscope is with the building-block style design. Different magnification enhancing filters or DOF enhancing lens are optical for big magnification or high DOF requirements.
- ◆ VGA-A3 camera is optical to photo taking. Stored in SD card, and load on the computer.

Product Application

3D video microscope is mainly used in semiconductor, SMT welding joint, QFR, Capacitor, Connector, Mechanical equipments, bio-chemical etc. It can inspect the 3D image that is not easily for 2D microscope.



High-DOF 3D Microscope Product Advantages

- ◆ Real-time image observation with 360° rotating specular surface makes it easy to observe unilateral objects in all directions;
- ◆ Adjustable rotation speed, continuous zoom, multi-angle observation
- ◆ Get a greater depth of field and all-around view with the 360 panoramic microscope.
- ◆ Large depth of field and high resolution (requires digital camera support)
- ◆ High contrast images and vibrant colors

High DOF 3D Microscope Product Parameters

Model	OP-VMR-3010	OP-VMR-3020
Part Number	#950-195	#950-196
Optical Magnification	0.35X~2.25X	0.35X~2.25X
Video Magnification	24X~152X	24X~152X
Viewing Angle	45°	30°
Rotation Angle	360°	360°
Light Source	Adjustable LED light source	Adjustable LED light source
Rotation Angle Control	Adjustable DC Motor	Adjustable DC Motor
VGA Camera	1/3" Color CMOS	1/3" Color CMOS
Monitor	17" Color LCD Monitor	17" Color LCD Monitor
Power Supply	90-250V/50Hz/60Hz	90-250V/50Hz/60Hz
Application Area	SMT、PCB、BGA、 etc	SMT、PCB、BGA、 etc

