



3D Video Microscope

PMS-MT3010

High depth-of-field 3D microscope with 360° real-time image observation

3D video microscope has varied inspection angles: 30° , 35° , 40° , 45° , Rotating prism is driven by DC servo-motor, live images will be transmitted to HD display for inspection.

The rotating speed can be controlled by our standard control box, which also control the rotating direction and the brightness of the ring light, by these to provide a perfect inspection.

Its structure is modular designed, magnification increasing lens and DOF increasing lens are optional. Camera VGA-A3 has a function of saving images into a SD card, by which operator can copy images to PC or share with others.

Parameter of 3D microscope with deep DOF.		
Code	PMS-MT3010	
Optical Magnification	0.35X-2.25X	
Video Magnification	24X-152X	
Inspection Angle	45°	
Rotary Angle	360°	
Illumination	Adjustable LED light	
Rotary Speed Control	Adjustable DC Motor	
VGA Camera	1/3"Colored CMOS	
Display	17"Colored LCD	
Power	90-250V/50Hz/60Hz	
Application	SMT、PCB、BGA、 etc	

PRODUCT ADVANTAGES

- 1、 Live inspection, 360°rotating for all direction inspection;
- 2、 Vivid image with high contrast;
- 3、 Rotating speed is adjustable, continual zoom, multiple angle inspection;
- 4、 Deep DOF, High resolution （supported by digital camera).

APPLICATION FIELDS

Applied in semiconductor, SMT welded head, QFP, capacitor, connector, medical instrument, biology industry, chemical industry etc, to gain a 3D inspection which can’ t be achieved by traditional 2D microscope.

APPLICATION FIELDS

