

Optical Coherence Tomography Scan Imaging System

Product description

Optical Coherence Tomography Scan Imaging System is a new technology in distance measurement area for recent years. The path length difference between the reference and measuring light paths is measured. Followed by a series of complex calculation, the 2D or 3D image can be produced by the device.



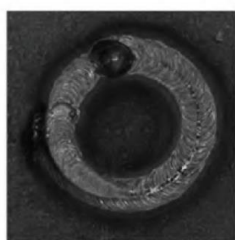
FEATURES:

1. Depth measurement for distance, free from dust and color interference .
2. Support mirror surface and non-specular measurement without precision loss
3. Support transparent surface measurement
4. Modular design, easy to install and maintain.

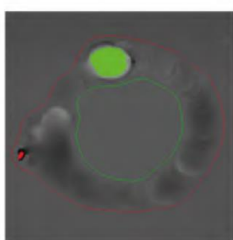
Technical Parameters

OCT	
Measuring range (mm x mm)	40*40
Measuring depth (mm)	3
Resolution: (um)	X/Y direction: 10
	Z direction: 6
Measuring speed (mm/s Max)	1600

INDUSTRY APPLICATIONS



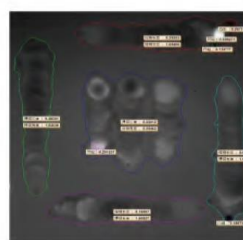
普通相机拍摄铜板焊接轨迹图
Copper plate welding path photo taken by the normal industrial camera.



OCT检测, 无惧激光干扰
Copper plate welding path photo taken by OCT. Free from laser interference.

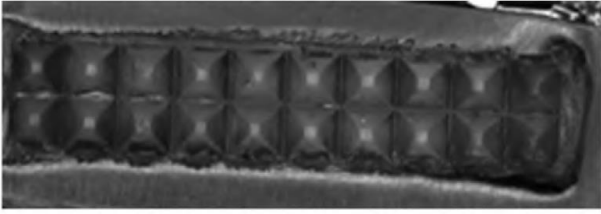


普通相机拍摄铝板焊接轨迹图
Aluminum plate welding path photo taken by the normal industrial camera.



OCT设备自动扫描并计算
Automatic scanning and calculation of OCT equipment.

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超声波焊缝图

Ultrasonic welding joint photo taken by normal industrial camera.



OCT检测3D模型侧视图

Ultrasonic welding joint photo taken by OCT with 3D image.

