

X6600

X-Ray Offline Inspection Equipment

X6600 is a cost-effective general-purpose offline precision micro-focus X-ray intelligent inspection equipment, equipped with innovative self-developed intelligent inspection software and a new generation of image algorithms. It has the characteristics of high magnification, high resolution, multi-angle inspection, large area inspection platform, etc. It meets the general X-ray inspection needs and has a wide range of applications. It is suitable for the inspection of offline products in various factories.

Product Features

- Wide Range of Applications:** High resolution, high magnification, to obtain the best image
- Intelligent Inspection Software:** Equipped with innovative self-developed intelligent inspection software
- Image Enhancement:** New image enhancement processing and preset filter algorithm
- Human-computer Interaction and Efficiency:** Automatic centering display and automatic following, the inspection area is automatically displayed in the center of the window
- Multi-angle Inspection:** Multi-angle analysis of internal structural defects of objects
- CNC Mode:** Free point and matrix, used for batch inspection scenarios
- Inspection Report:** Automatically generate inspection report
- Multiple Safety Protection:** Real-time monitoring of radiation value, safety interlock, automatic shutdown of radiation source in idle state and other multiple protections
- Inspection Algorithm Customization:** All intelligent inspection algorithms can be customized according to actual needs of users

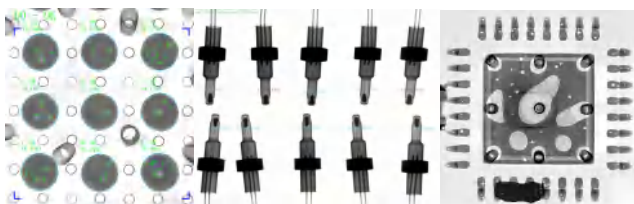
Technical Advantages

Automatic Defect Recognition

Can identify defects such as size, area, broken wire, bridging, etc.

Customizable Image Algorithm

Develop specific software algorithms based on customer product characteristics to achieve fully automatic defect recognition and inspection functions, including presence, cracks, broken wires, offsets, size, quantity, etc.



BGA Bubble Inspection

Sensor Size Measurement

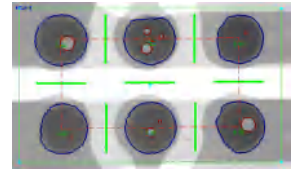
QFN Inspection



Automatic Void Ratio Calculation

Enhanced BGA Extending Inspection Function

It can quickly select and mark a single soldering ball, or select the soldering balls to be inspected in a matrix, and can manually or automatically identify the BGA soldering balls and complete the inspection. Follow the system guidelines to easily complete the inspection process and ensure accurate and reliable inspection results.



Product Parameters

Model No		X6600H
X-Ray Tube	X-Ray Tube Type	Reflective sealed micro-focus X-ray source
	Tube Voltage	0-90KV
	Tube Current	0-200μA
	Maximum Output Power	8W
	Micro Focus Size	10μm
Flat Panel Detector	Flat Panel Type	Amorphous Silicon Flat Panel Detector
	Pixel Matrix	1536x1536
	Field of View	130mmx130mm
	Resolution	5.5Lp/mm
	Image Frame Rate (1x1)	20fps
	AD Conversion Digits	16bits
Equipment Specifications	Input Power	220V 10A 50-60Hz
	Operation System	Industrial Computer Win10 64 bits
	Maximum Sample Size	540mm×440mm
	Dimensions	L1245xW1230xH1900
	Net Weight	1170KG