

X6600B

X-Ray Offline Inspection Equipment

X6600B is a universal 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 adopts a high-voltage X-ray tube design with strong penetration, high image quality, easy to find defects, and a wider range of applications. One-button automatic opening and closing of the movable door facilitates personnel operation. Suitable for the inspection of offline products in various factories.

Product Features

Wider Application Range: High voltage, high resolution, high magnification, to obtain the best image **Intelligent Inspection software:** equipped with innovative self-developed intelligent inspection software

Intelligent detection software: Equipped with innovative self-developed intelligent detection software

Image Enhancement: New image enhancement processing and preset filter algorithm

Human-computer Interaction and Efficiency: One-button door opening and closing, automatic centering display, automatic following

Multi-angle Inspection: Multi-angle analysis of internal structural CNC Mode: Free point and matrix, used for batch inspection scene inspection

Report: Automatic generation of 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

Fingerprint Function: Ensure information security and authorize special personnel to control equipment

Inspection Algorithm Customization: AI intelligent inspection algorithm can be customized according to actual needs of users

Scan Code Traceability (Optional): Barcode information is associated with inspection results for traceability and verification

Rotating Stage (Optional): Convenient for all-round inspection of product defects



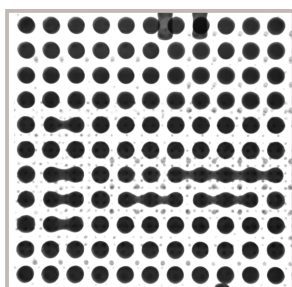
Product Parameters

Model No.		X6600B
X-Ray Tube	X-Ray Tube Type	Reflective sealed micro-focus X-ray source
	Tube Voltage	40-130KV
	Tube Current	10-300µA
	Maximum Output Power	39W
	Micro Focus Size	5µm (at 4W)-40µm
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	620mm×620mm
	Dimensions	L1380mm×W1425×H1951mm
	Net Weight	1800KG

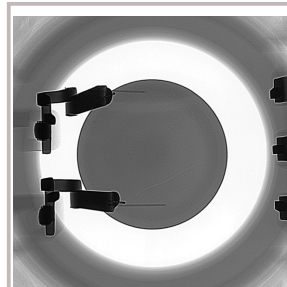
CNC Automatic Operation Inspection

- CNC multi-point automatic inspection can be performed, and multi-point coordinates can be set according to user product specifications for automatic inspection.
- Automatic CNC operation inspection can automatically store images, automatically generate reports, and perform batch inspection.

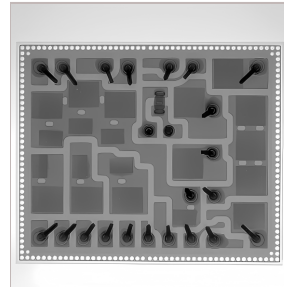
Application Cases



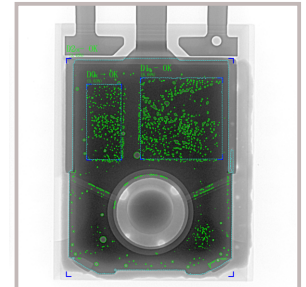
BGA Soldering



Sensor Cracks



IGBT



IGBT Void Inspection