

X6600

Simple Operation

Convenient operability, the mouse can be operated without the need for joystick + button Preview guide function, intuitive point-and-click operation

Automatic positioning view function, quick creation of positioning view program

Image annotation, image noise reduction, image autofocus function



Simple BGA solder ball diameter and bubble ratio automatic measurement to generate inspection report, Windows 7 operating system, 24" display (1920 * 1080, HDMI).



Specifications

Model		X6600
X-RAY Source	Tube Type	Reflective Sealed micro-focus X-ray Source
	Voltage	90KV(130KV optional)
	Operating Voltage	40-90KV
	Operating Current	10-200μA
	Maximum Output Power	8W
	Micro Focus Size	5-15μm
Flat Panel Detector	Flat Panel Type	CMOS flat panel detector(optional)
	Pixel Matrix	1172×1100
	View Field	58mm×54mm
	Resolution	10.1Lp/mm
	Image Frame Rate(1×1)	30fps
	AD Conversion Digits	14bits
Radiation Safety	X-Ray Leakage	<1μSv/h
Equipment Performance	Stage Size	540×440mm
	Loading Capacity of Stage	≤5Kg
	Max Tilt Angle	65 degree
Equipment Specification	Dimensions	L1360×W1240×H1700mm
	Equipment Net Weight	About 1170KG
	Input Power	220V 10A/110V 15A 50-60Hz

X5600

X5600 is a small precise microfocus X-ray inspection equipment, suitable for R&D enterprise, laboratories, quality inspection rooms etc. It is the first choice for X-ray inspection of small parts.

Application Advantage

- ▶ Miniaturized equipment, easy to install and operate.
- ▶ Applicable to Chip, LED, BGA/CSP, Wafer, SOP/QFN, SMT and PTU packaging, Sensors, connectors, and precision Castings inspection.
- ▶ High resolution design to get the best image in a very short time.
- ▶ Infrared automatic navigation and positioning function can select the shooting location quickly.
- ▶ CNC inspection mode which can quickly and automatically inspect multi-point array.
- ▶ Inclined multi-angle inspection makes it easier to inspect sample defects.
- ▶ Simple software operation, low operating costs
- ▶ Long lifespan

Safety Considerations

CNC Inspection

- ▶ CNC automatic operation inspection
X5600 support CNC multi-point automatic inspection mode, based on product feature set multi-point coordinates for automatic inspection.
- ▶ Automatic CNC operation detection
Automatically save images, generate reports, also support batch inspection.

Tilt / Rotate Function

- ▶ Tilt angle inspection function
The X5600 detector support a tilt angle of ±30°. For cases where the photo taken on the front of a special device can't identify the defect feature, the tilt function can be used to observe the device features at multiple angles, making it easier to analyze and identify the defect.
- ▶ 360° Rotating photo inspection function
Equipped with a rotating manipulator that can rotate 360 degrees to take images, no dead angle for defects observation.



X-Ray Tube Source Specifications

X-RAY Tube Source Specification	Type	Sealed Micro-Focus X-Ray Tube
	Voltage Range	40-90KV
	Voltage Range	10-200μA
	Maximum Output Power	8W
	Micro Focus Size	15μm
Flat Panel Detector Specification	Type	TFT Industrial Dynamic FPD
	Pixel Matrix	768×768
	Field of View	65mm×65mm
	Resolution	5.8Lp/mm
	Frame (1×1)	40fps
AD Conversion Bit	16bits	

