X6600/X6600B

X6600/X6600B is a cost-effective and precise micro-focus X-ray inspection equipment for the offline inspection of various factory products. It has the characteristics of high magnification, multi-angle inspection, and large-area inspection platform.

Parameters

Dimension	L1360mm×W1240mm×H1700mm
Power Supply	220V 10A/110V 15A 50-60HZ
Max Sample Size	540mm×440mm
OS	IPC WIN7/ WIN10 64 bits
N.W.	About 1170KG

Advantages

- Universal model for different inspection applications
- Good image fastly obtained by high-resolution design
- IR auto-navigation and positioning, quickly located
- CNC automatic inspection mode for multi-point array
- Easy to inspect defect in tilt and multi-angle
- User-friendly software operation, low training cost
- Xray tube and FPD support to rotated at the same time in (0-60°) to get clear and intuitive image

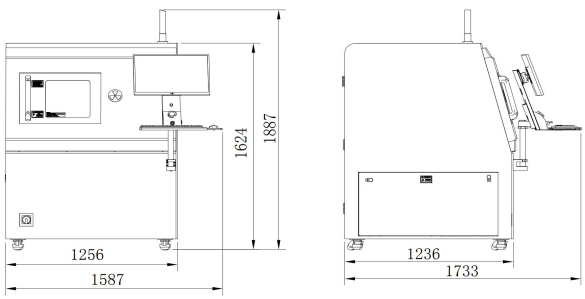
X-ray Tube Spec

TubeType	Reflective sealed micro-focus ray source
Tube Voltage	40-90KV/130KV
Tube Current	10-200 μA/10-300 μA
Max Output Power	8 W/39W
Micro Focus Size	5~15μm

FPD Spec

Detector Type	Amorphous silicon flat panel detector (optional)
Pixel Matrix	1536×1536
FOV	130mm×130mm
Resolution	5.8Lp/mm
Image frame rate (1×1))	20fps
AD conversion digits	16bits

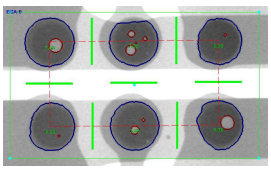
Dimensions



Automatic void ratio calculation

■ BGA extended detection function

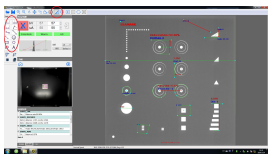
Quickly select/mark/inspect a single ball or multiple balls in matrix frame. Manually or automatically ID BGA solder balls and complete the inspection. Simple operation with accurate inspection results.



Size measurement

■ Measuring tools:

Distance, distance ratio, line spacing, angle, arrow mark, circle radius, dot spacing, center distance, circumference, hand-drawn polygon, hand-drawn free-form, text.



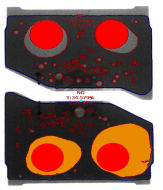
Defects Inspection

■ Automatic defect recognition

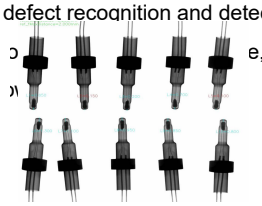
X6600/X5600 can automatically identify size, area disconnection, and tin connection.

■ Customizable image algorithm

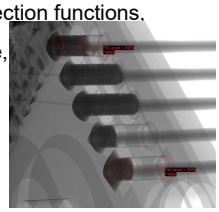
According to the customer's product characteristics and requirements, specific software algorithms are developed to realize automatic defect recognition and detection functions.



LED pad measurement



Sensor size measurement



THT tin ration measurement