

X5600

X5600 is a small precision micro-focus X-ray inspection equipment, which is suitable for R&D enterprise laboratories, offices, and quality laboratories etc., and is the first choice for X-ray inspection of tiny, small and medium precision components.

Product Features

- ▶ Miniaturized equipment, easy to install and use
- ▶ Applied to the inspection of chips, BGA/CSP, wafers, SOP/QFN, SMT and PTU packages, sensors, etc.
- ▶ High-resolution design for the best possible image in a fraction of the time
- ▶ Automatic infrared navigation and positioning, quickly select the shooting position
- ▶ CNC inspection mode for fast automatic inspection of multi-point arrays
- ▶ Multi-angle tilt inspection makes it easier to inspect sample defects
- ▶ Software operation is simple and easy to use, low operating cost
- ▶ Durable service life



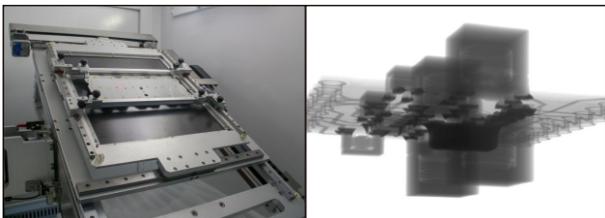
Tilt Photo/Rotate Photo Function

■ Tilt perspective detection function

It has the function of tilting camera. For pictures taken from the front of a special device, if the defect features cannot be identified, the tilting camera function can be used to observe the features of the device from multiple angles, which is easier to analyze and identify the defect content.

■ 360° rotation photo detection function

Equipped with a rotating manipulator, it can rotate 360 degrees to take pictures, and there is no dead angle observation defect.



Product Parameters

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|--------------------------|------------------------|---|
| Model No. | | X5600 |
| X-Ray Tube | X-Ray Tube Type | Reflective sealed micro-focus X-ray source |
| | Tube Voltage | 40-90KV |
| | Tube Current | 10-200μA |
| | Maximum Output Power | 8W |
| | Micro Focus Size | 15μm |
| Flat Panel Detector | Flat Panel Type | TFT Industrial Dynamic flat panel detector |
| | Pixel Matrix | 768X768/1536X1536 |
| | Field of View | 65mmx65mm/130mmx130mm |
| | Resolution | 5.8Lp/mm |
| | Image Frame Rate (1x1) | 20-40fps |
| | AD Conversion Digits | 16bits |
| Equipment Specifications | Input Power | 220V 10A/110V 15A 50-60Hz |
| | Operation System | Industrial Computer Win7 (Win10 optional) 64 bits |
| | Maximum Sample Size | 280mm×320mm |
| | Dimensions | L850mm×W1000mm×H1700mm |
| | Net Weight | About 750KG |