



S7600 Online X Ray Inspection Machine High Precision With Software Control

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: WDS
- Certification: CE
- Model Number: S-7600
- Minimum Order Quantity: 1 UNIT
- Packaging Details: Wooden case
- Delivery Time: 8-15 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 50 UNITS PER MONTH



Product Specification

- Name: BGA X Ray Machine
- Highlight: S7600 X Ray Inspection Machine, Online X Ray Inspection System, S7600 BGA X Ray Inspection Equipment



More Images



Product Description

The system of this series of equipment is mainly composed of seven parts: micro-focus X-ray source, image imaging unit, computer image processing system, mechanical system, electrical control system, safety protection system, and warning system. It integrates modern non-destructive testing, computer software technology, image acquisition and processing technology, mechanical transmission technology, and AI algorithm, covering four major technical fields of optics, machinery, electricity, and computing. Through the difference in X-ray absorption by different materials or thicknesses, the internal structure of the object is imaged and then internal defects are detected. It can observe high-definition detection images of the product in real time, determine whether there are defects inside and the type and level of defects. At the same time, according to user customization needs, the AI algorithm can automatically determine defects to ensure the accuracy and objectivity of the assessment.

X-ray source	Tube type	Sealed micro-focus radiation source	
	Operation voltage	0-90KV/40-130KV	
	Operation current	0-200 μ A/10-300 μ A	
	Max output	8W/39W	
	Micro focus size	5-15 μ m/5 μ m	
Flat panel detector	Type	Amorphous silicon (optional)	
	Pixel Matrix	1536x1536	
	Field of view(FOV)	130mm X 130mm	
	Resolution	5.8LP/mm	
	Image frame rate(1x1)	20fps	
	AD Conversion digits	16bits	
	Pixel pitch	85 μ m	
Other Specs	Dimension	L1610mm x W1690mm x H1900mm	
	Height of workbench conveyor belt	910 \pm 20mm	
	Loading platform	10KG	
	Maximum product size	550mm x 550mm	
	Equipment weight	About 2500KG/3500KG	
	Total Power	3000W	
	Supply voltage	220V 15A/110V 30A,50-60HZ	
	Computer	Advantech Industrial Computer i7 7700/16G/256G+4T	
	Transfer window size	630mm x 190mm	
	Front door window size	500mm x 450mm	
	Lead sheet specs	90KV lead plat thickness	Side 3mm,Top 5mm,
		130KV lead plat thickness	Side 5mm,Top 6mm,Bottom 3mm
	Lead Glass Size	90KV	400x300x30
130KV		400x300x30	



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