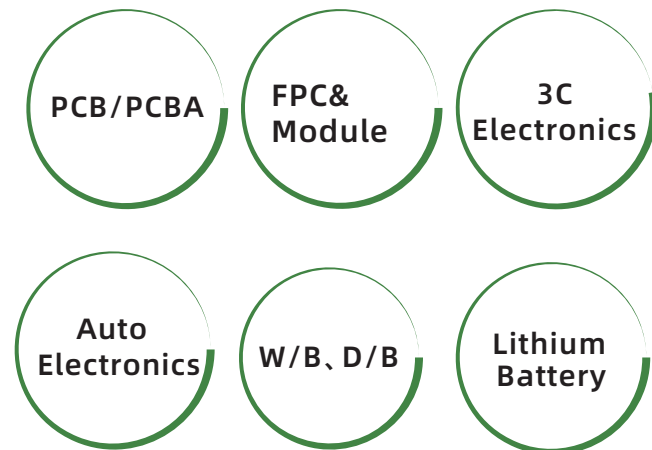


LX9200

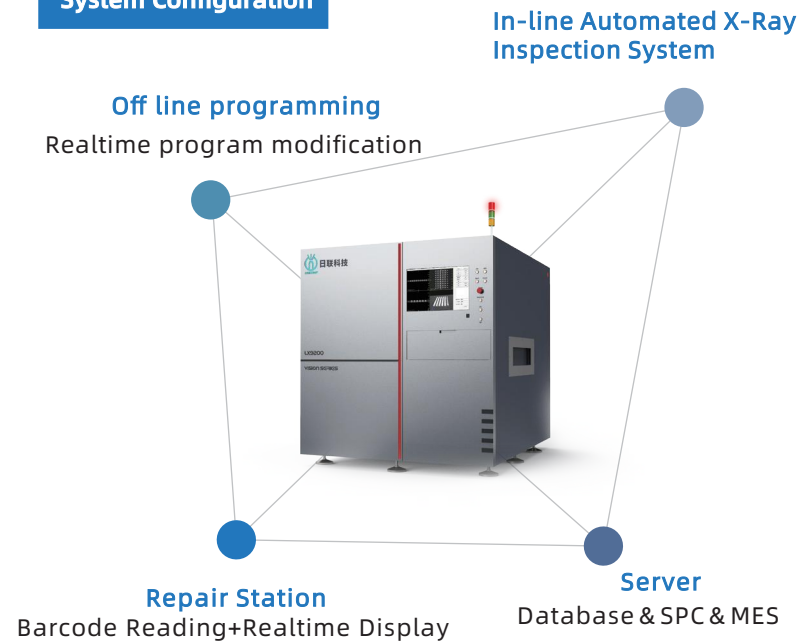
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Application Area



System Overview and Specification

System Configuration

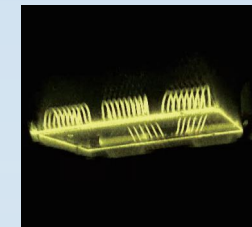


Application Cases

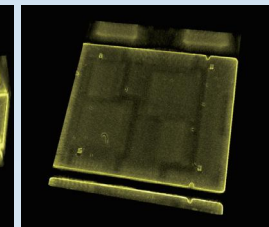
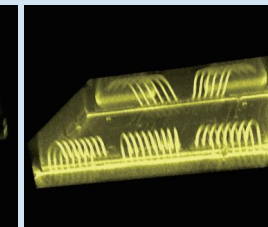
3D

IGBT Inspection Case

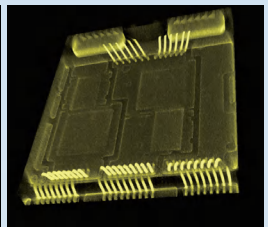
- In-line Automatic Inspection
- Measurement of Bubble Rate And Soldering Area
- Automatic Cross Sectioning Without Interference Between DBC And Bottom Layer
- MES System Interface



3D Rendering Image

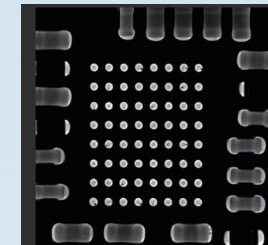


3D Rendering Image- Slice



SMT inspection

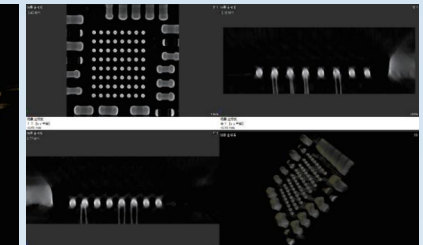
- In-line Automatic 3D Inspection
- Multi Cut Layer inspectionnn
- Solder Surface inspection (over solder, insufficient solder)
- MES System Interface



XY Slice Image



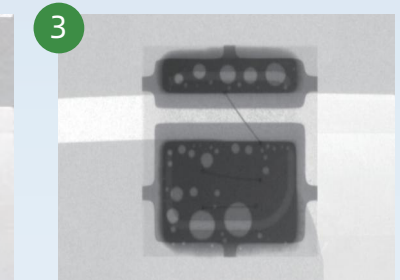
3D Rendering Image



Slice Images

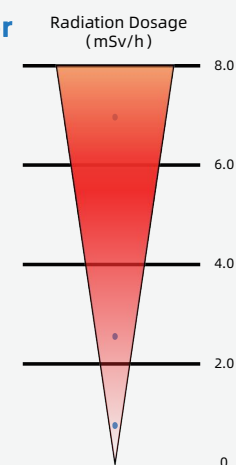
2D

LED



Safety Protection

For operator



Hospital CT Chest X-ray Examination, 6.9mSv/time

Received In Oneyear: 2.4mSv (world average)

Daily Operate LX9200 For 8 hours will Receive 0.876 mSv/year



Emergency Stop Button



Electromagnetic Safty Interlock

- LX9200 Radiation leakage around the equipment $\leq 0.5\mu\text{Sv/h}$.

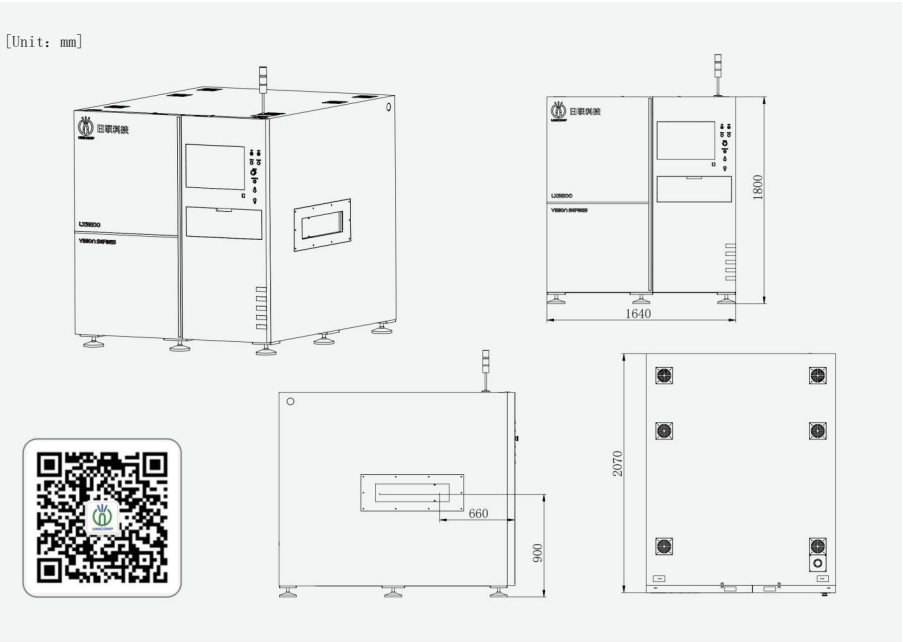
Comply with the most stringent international FDA radiation health protection standards, i.e., radiation $< 0.5\mu\text{Sv/h}$

- The radiation of LX9200 is calculated based on the storage environment of the Unicomp prototype, including the environmental radiation.

* Specifications are subject to change without notice, All trademarks are the property of the system maker.

Technical Specifications

Application	Inspection object	BGA, CSP, SOP, QFP, QFN, POP, inserted components, chips, T/H, Press-fit CN, IGBT, etc.
	Inspection Items	Missing, misalignment, void, open, non-wet, shifting, foreign object, bridging, tombstone, insufficient / excess solder, solder ball, wrong polarity etc.
Imaging system	Imaging method	2D, 2.5D, 3D (All in one)
	X-ray source	Sealed tube (Max.130kv / 65w)
	Detector	High resolution FPD (flat panel detector)
	Image Resolution	9um,12um,18um,24um,30um (option 3um or 6um)
	Camera	CCD camera
PCBA	Conveyor height	900±50mm
	Inspection Area	3D: 510mm X 670 mm ; 2D: 510mm X 730mm
	Weight	max. 2kg (option:5kg)
	Clearance	Top: 70mm; Bottom: 40mm@30um
Main Body	Power supply voltage	110-220V
	Power supply frequency	50/60HZ
	Air pressure, capacity	0.4~0.6Mpa
	Dimensions	1640mm(W) x 2070mm(D) x 1800mm(H)
	Weight	3710Kg
	Motion	High speed smooth flying capture(High precision linear motor + linear encoder)
	CT mode	Planar CT
	Radiations	< 0.5μSv/h



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LX9200
VISION SERIES



3D Inline Automatic Inspection (AXI)

All-in-one
▶ 2D / 2.5D / 3D



www.unicomp.cn
www.global-xray.com

