

MSX 3000 I – Inline 3D X-Ray IPCT

Key Features:

- Real 3D Inline Planar Computed Tomography (IPCT)
- IPCT leads to best contrast resolution within the market
- Combined 2D and 3D test strategy
- Highest depth resolution due to big Laminography angle (up to $\pm 45^\circ$)
- Granite base with highly accurate and ultra fast linear motor axis system
- Machine control by real time operation system
- User friendly interface (e.g. state of the art GUI)
- Real time 12 bit digital detector
- Reconstruction by Windows based industrial PC multi processor cluster
- Automatic load / unload via integrated conveyors with 4 shutters

Standard Configurations:

- 130kV closed tube (wide beam)
- Webcams inside the system for process control
- Automated X-ray inspection AXI
- Easy applicable for traceability



Options:

- 130kV open tube (high power target available)
- 2D barcode reader
- Lead glass window in front door
- 3D visualization software
- Sample holder for “no PCB” test objects

X-RAY TECHNOLOGIES

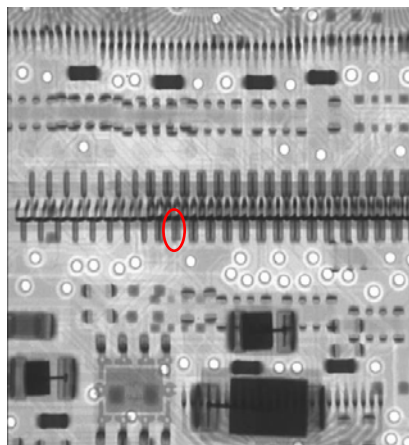
Technical Data:

MSX 3000 I

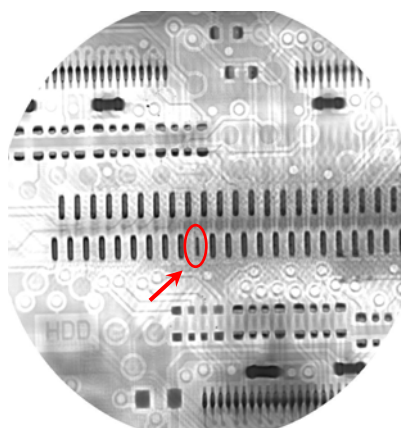
Specifications	
	X-ray source output
	X-ray leakage
	Feature recognition
	Detector
	Max. board size
	Max. sample weight
	Electrical power requirements
	Air pressure
	Machine physical dimensions (W x D x H)
	Machine weight
	Computer system
	Display

Metric Standard	
	130kV closed or open tube
	<0,2 μ S/h
	down to 0,75 μ m
	12 bit digital detector
	450mm x 400mm
	up to 15kg
	3/N/PE 400V, 50/60Hz, 32A
	6bar
	ca. 3200mm x 2000mm x 2000mm
	approx. 6.700kg
	Windows based industrial PC-Cluster
	24" (16:9) high contrast flat screen

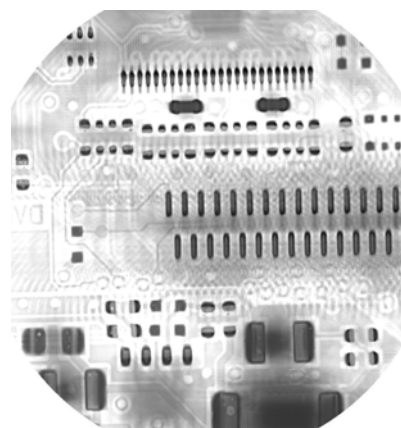
Example:



2D transmission



Front side



Back side

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