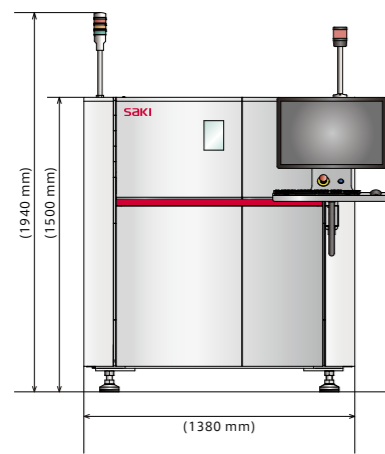
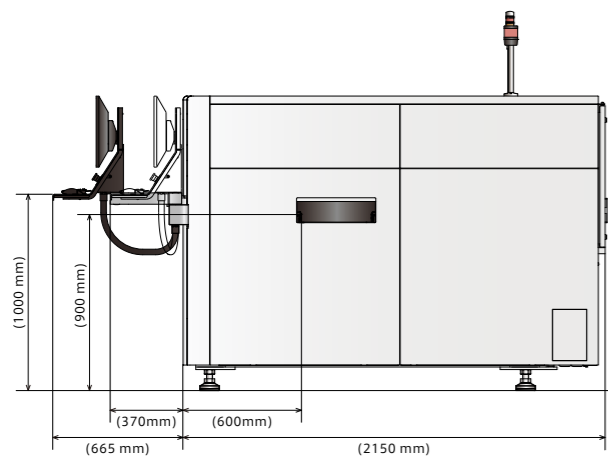


Dimensions

■ Front View



■ Side View



System Specifications

Model	3Xi-M110
Resolution	10 μ m-30 μ m
PCB Size	50 (W) x120 (L) mm - 360x330mm
PCB Thickness	0.8mm - 4.0mm (0.031-0.157 in.)
PCB Warpage	2mm (0.08 in.) or less
PCB Clearance	TOP : 60mm (2.36 in.) Bottom : 40mm (1.57 in.)
Inspection Categories	<ul style="list-style-type: none"> • Chip Type Parts, Diodes, Tantalum Capacitors, Aluminum Electrolytic Capacitors, Module chips, Transistors, Power Transistors, Connectors, QFP, SOP, CSP, QFN, and BGA
Detector	Flat Panel 14bit 3M Pixel
X-ray Tube	110kV 30W, Closed X-ray Source
X-ray leakage	0.5 μ Svh or less
Conveyer Method	Flat belt transfer
Conveyer Height	880-920 mm (34.65-36.22 in.)
Width Adjustment	Auto Width Adjustment
Operating System	Windows 10 IoT Enterprise2019 EMB 64bit (Microsoft)

Installation Specifications

Electric Power Requirement	Three - Phase \sim 200 +/-10%, 50/60Hz
Power Consumption	4.2kVA
Air Requirement	0.5 MPa, 20 L/min(ANR)
Usage Environment	15°C - 28°C / 15 - 80%RH (Non-condensing)
Noise Level	70.0dB or less
Dimensions W x D x H (Main body)	1380 x 2150 x 1500mm (*)
Weight (Main body)	Aprox. 3,100 kg (6834.34 lbs)
	(*)This is subject to change without notice.

Inline 3D-CT Automated X-ray Inspection System
for Printed Circuit Board Assemblies (PCBAs).

3Xi-M110

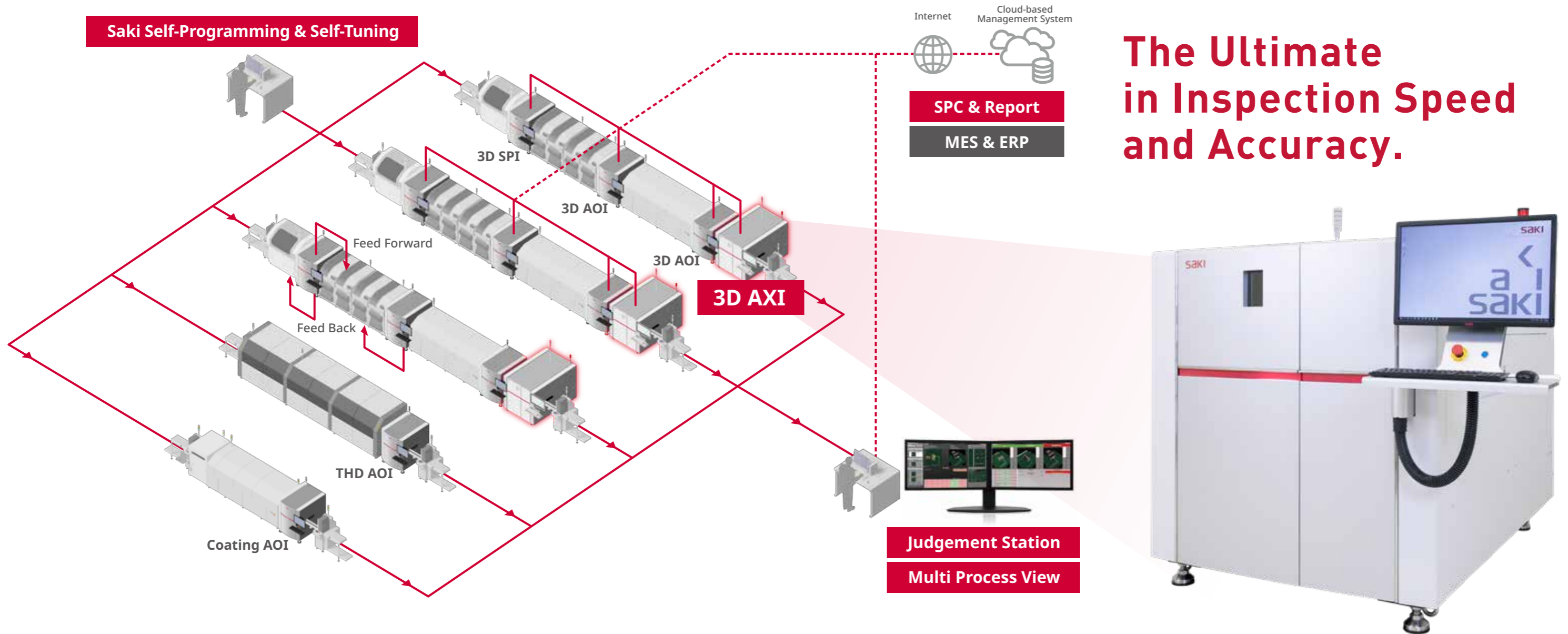


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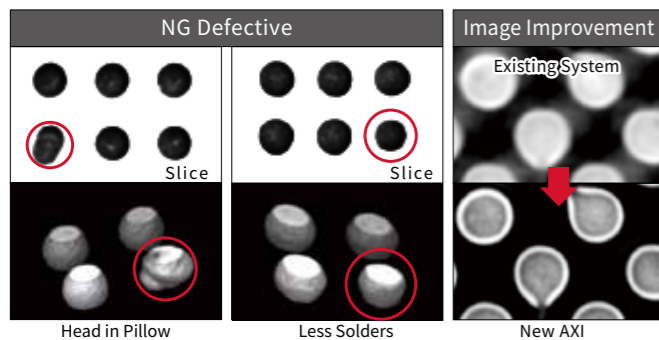
Global Network
<http://www.sakiglobal.com>

The Ultimate in Inspection Speed and Accuracy.



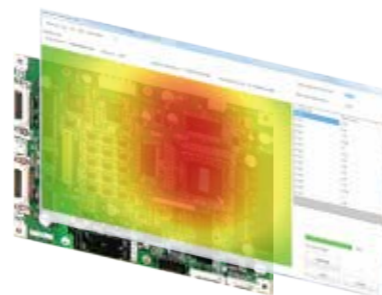
Merit 1 Saki's planar CT technology captures hard-to-find defects

- The 3Xi-M110 ensures hidden solder joint quality for bottom-electrode packages such as BGAs, LGAs, and QFNs
- PCT provides precise volumetric measurements and shape reconstruction to find voids, head-in-pillow (HiP), and other defects that are extremely difficult to identify



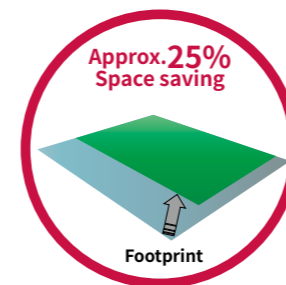
Merit 2 Reduced x-ray exposure

- Revolutionary x-ray tube reduces x-ray exposure up to 70% by powering on x-rays only at the moment of image capture
- Exposure dose simulator lets the user monitor the radiation dose
- The method and magnification for releasing the x-rays can be set
- Periodic maintenance and spare parts are not required
- Built-in monitoring system reports when the tube needs replacing



Merit 3 Lightweight, rigid structure in a small footprint

- 40% lighter hardware platform (3,100kg) and a 25% smaller footprint (1,380mm width)
- Saves floorspace, is easily installed, and improves production-line operability
- Light, but rigid cast iron frame for stable operation and accuracy
- Optimized imaging range for PCBs up to 360 x 330mm (W x L)
- 2-step image capture is available for larger 360 x 510mm (W x L) boards



Merit 4 High accuracy and speed

- Reliable and consistent positioning accuracy and speed
- Double motor-driven system and high-precision linear scale by Magnescale assures precision and power
- Optimized Planar Computed Tomography (PCT) technology algorithm improves image capture speed by 30%, reducing takt time

