



Inline Microfocus X-ray system

AXI8500

Specialized for NDT high-precision electronic component, effectively identifies pad defects (voids/bridges/etc.) supports various package types (BGA/QFN/etc.). Equipped with automated inspection and rapid programming capabilities. Applied in SMT circuit board/FPC flexible board, semiconductor, and precision components.

0.5

High-speed-efficiency software

Raytina high-speed image processing
Multi-axis mechanism, single-field-view
detection fastest in 0.5s.



Counter Microfocus X-ray system

Ds3000

Specificized for SMT inventory management.Cutting-edge technology by X-Ray and AI algorithms, quickly count 4 tapes in just 9s, accuracy up to 99.99%. Perfectly compatible with 7-17 inch trays, JEDEC trays, IC moisture-sensitive packages, etc. Automated intelligent material counting, reduces labor costs and avoids human errors. Supports integration with ERP, MES, or other systems, efficient and accurate acheivement real-time synchronization and intelligent material management data of intelligent warehousing system.

99.99

Intelligent counting, perfect and reliable

X-Ray + AI, counting accuracy reaches as high as 99.99%.
Counting results are automatically synchronized, eliminating
discrepancies between accounts and physical items.

Intelligent Connectivity

Support MES data upload, reserve rich interfaces, easily integrate automated production lines

Intelligent Warehousing

Precise Inventory in 8s AI Revolution in SMT Warehousing

AXI8500		Functions
Max. Tube voltage	90kV/130kV	Defects of IC, BGA, LGA, CSP, SOP, QFP, QFN, connectors
Pixel size	1536*1536	voids, bridges, open joints, missing, offset, measurement
X-ray detector	HR FPD	CNC cruise, multiple algorithms for automatic calculation
Weight(approx)	3500kg	High-speed positioning FOV fast 0.5s, enhanced algorithm
Dimensions(approx)	1.65(L)*1.6(W)*1.85(H)m	Self-programming recipes one-click switching
Max. Load area	1000*500mm	Rework station processing massive database, SPC statistics
Min. Load area	100*50mm&50*50mm	Smart factory access to MES/ERP, support SECS/GEM
Detection area	600*500mm	Product traceability scan code/remark/NG/bind code

Ds3000		Ds3000	Parameters
Max. Tube voltage	30-80kV	Max. tray size	17 inch
Pixel pitch	139μm	Min. tray size	7 inch/small bulk material
Imaging size	427*427mm	Max. tray height	80mm
Spatial resolution	3.6lp/mm	Min. tray height	3mm
Counting time	6-8s/tape,7-15 inch	Material coverage rate	database update,covering 99.5%
	6-8s/4tapes,7 inch	Dimensions(approx)	878(L)*1480(W)*1895(H)mm
Test stage Load	≤10kg	Weight(approx)	730kg
Functions	Barcode scanning: Automatic one/two-dimensional barcode scanning. Label printing: Real-time print material codes and point results. Software: Supports any format SPC statistics, automatic saving images and results. Systems Access: Supports Smart production line ERP, MES and WMS systems.		

