

Vertex Series A
Audit X-ray Inspection System

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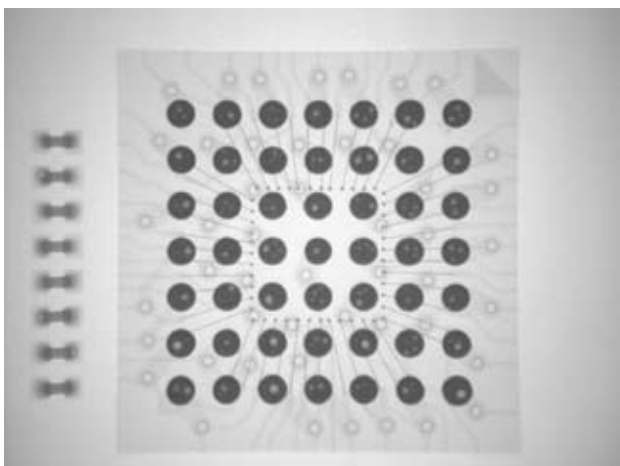
Audit X-ray Inspection System

VJ Technologies leads the way in providing robust and practical X-ray solutions to solve real production issues. Innovation and simplicity govern system design to maximise ease-of-use with programmed inspection and a simple 1–2–Go! user interface.

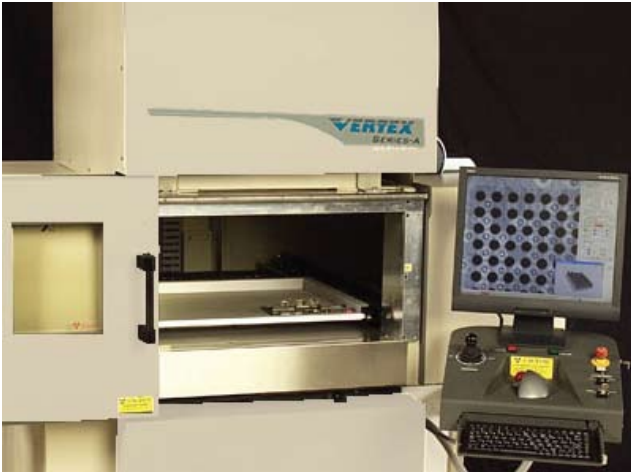
Vertex X-ray systems are production ready, offering superior uptime and unmatched value. The Vertex Series is configurable with a variety of X-ray tubes, detectors and product manipulators.

Key Parameters

Model	V75	V90	V130	V150
Tube	75kV	90kV	130kV	150kV
Spot Size	45 μ	5 μ	6 μ	5 μ
Spatial Resolution	>20lp/mm	>40lp/mm	>40lp/mm	>40lp/mm
Total Magnification	435X	3600X	1950X	1650X
Maximum Field of View	>2"	>1.6"	>2"	>2"
Programmable	Optional	Standard		
Inspectable Area	20"X24"			
Sample Manipulation	5 Axis Available			



BGA X-ray Inspection



Vertex Series A
Ergonomic Operator Console

Vertex Series A is configurable with (75 kV, 90 kV, 130 kV, 150kV) X-ray Tubes, several Image Intensifiers or Digital Detectors to address a variety of applications.

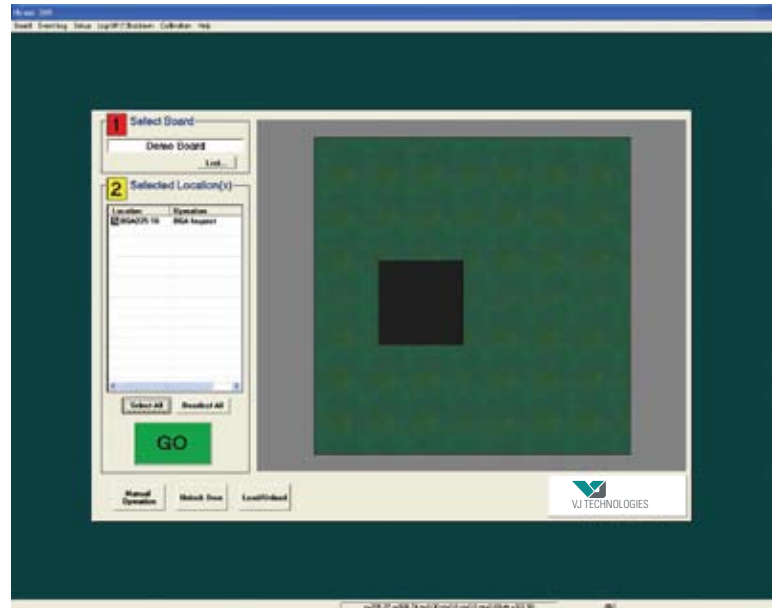
The Vertex is equipped with innovative Nexus 300 Inspection Software and Analysis Tools providing Manual Operation or fully Automated Inspection routines. Nexus 300 image processing offers: Advanced Defect Enhancement, Pseudo Color, Edge Detection, BGA Area, Circularity, Voiding, Large Area Analysis, Void Ratio and Feature Masking. For product traceability in a production environment a Bar Code Reader is available.

The Vertex Series-A is an ergonomic, flexible and reliable X-ray Platform which can be easily adopted to almost any inspection task. The 75kV configuration can be upgraded to 130kV as required. As an Audit system Vertex is suited for production environments to perform sample testing of volume production.

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1-2-Go SierraMate™ Graphical User Interface

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