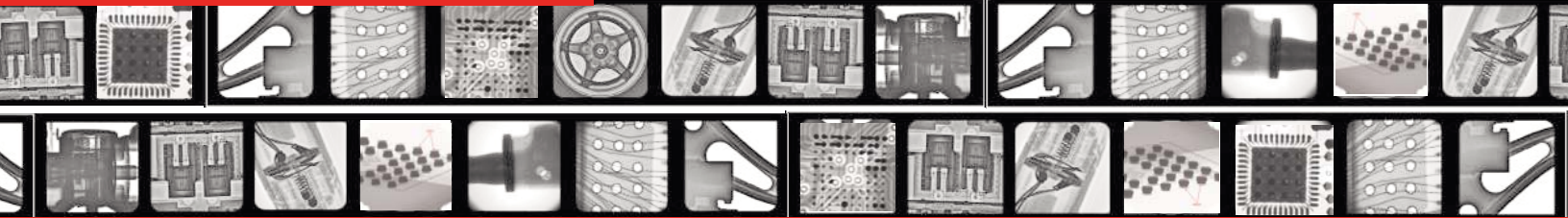




VJ ELECTRONIX

A VJ Technologies Company



VERTEX Series-A

AUDIT X-RAY SYSTEM

The VJ Electronix Vertex Series – A is a versatile, all-purpose system with a large (20" x 24") inspection area and configuration flexibility for manual and automatic X-Ray examination. An On-Board Sample Navigator provides an easy-to-use positioning capability making the Vertex Series – A highly suitable for the production floor and a wide range of applications.

A choice of X-Ray sources (75 kV, 90 kV, 130 kV, 150 kV) and detectors (2"/4"/6" Image Intensifiers or Flat Panel Digital Detectors) provides the basis for a variety of X-Ray Inspection capabilities.

The Vertex Series – A is loaded with the latest innovative Nexus 300 Software and Analysis Tools providing either Intuitive Manual Operation or Automated Inspection routines. Nexus 300 Image Processing includes: Advanced Defect Enhancement, Pseudo Color, Edge Detection, BGA (Area, Circularity, Voiding), Large Area Analysis e.g. Void Ratio, etc. For product traceability in a production environment a Bar Code Reader can be connected at the operator console.

Providing a true 20" x 24" Inspection Area with 100% coverage and all the features needed to perform routine and non-standard examinations, the Vertex Series - A satisfies even the most demanding requirements.



Where Technology Meets Production

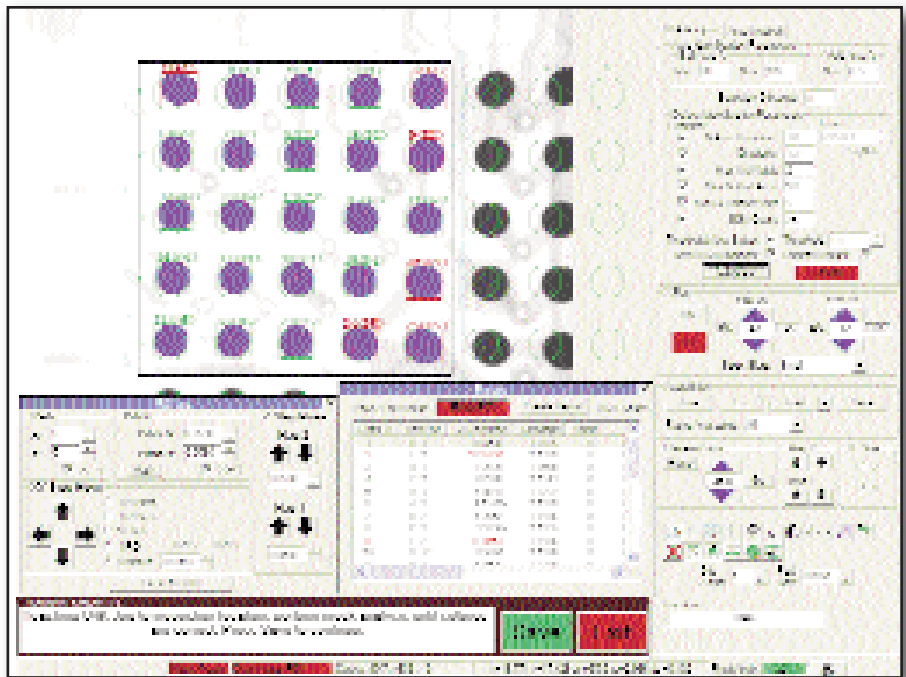
VERTEX SERIES A

Base System Parameters:

Model	A-75	A-90	A-130	A-150
Source	75kV	90kV	130kV	150kV
Spot Size	45 μ	5 μ	6 μ	5 μ
Spatial Resolution	>10 lp/mm	>40 lp/mm	>40 lp/mm	>40 lp/mm
Total Magnification – Standard Camera	>24X	> 130X	>70X	>60X
Total Magnification – High Resolution Camera	>29X	> 240X	> 130X	>110X
Maximum Field of View	> 2"	>1.6"	> 2"	> 2"
Programmable	Optional	Standard		
Inspectable Area	20" x 24"			
Maximum Board Size	20¼" x 24¼"			
Footprint	60" x 67.5" x 79" (D x W x H) (1524mm x 1715mm x 2007mm)			
Off-Axis	One and Two Axis Fixtures Available			



Packaged in a Fail Safe Interlocked Enclosure (better than U.S. Federal and International Standards) the VERTEX Series - A offers an Energy Efficient package providing the best choice in economical, versatile X-Ray Inspection equipment.



The Vertex Series-A is an ergonomic, flexible but rigid and reliable X-Ray Platform which can be easily adopted to almost any inspection task. As an Audit system it is suited for the production floor to perform sample testing of volume production. It's programmability features allow automated inspection while some applications allow fully unattended inspections.

Designed to reveal hidden defects in Electronic Components and Assemblies, injection moulded Parts and other Non-Destructive Testing Applications.



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