

## Verifier Series X-Ray Inspection Systems

Verifier Series	Features Comparisons		
System Features	Verifier FSX-080	Verifier Plus FSX-075	Verifier HR FSX-090
<b>System Hardware</b>			
X-Ray Source	80kV	75kV	90kV
Magnification	110X	220X	715X
Spot Size	<50 micron	<33 micron	<5 micron
Resolution	>20 lp/mm	>30 lp/mm	>40 lp/mm
Field-of-View	>40mm	>70mm	>40mm
Standard 120VAC Power	Standard	Standard	Standard
Standard 240VAC Power	Optional	Optional	Optional
<b>IP Computer Hardware</b>			
Flat Panel Display (Monitor)	19"	19"	19"
Windows© XP, Operating System	Windows© XP Pro	Windows© XP Pro	Windows© XP Pro
<b>Image Processor Options</b>			
VIP	Standard	Standard	Standard
VIP Plus	Optional	Optional	Optional
VIPx	Optional	Optional	Optional
<b>Board Handling</b>			
Maximum Board Size	16x18"	16x18"	16x18"
X/Y Board Manipulation	Manual	Manual	Manual
Tilt	Manual	Manual	Manual
Rotate	Optional	Optional	Optional
Tube-Z1	N/A	N/A	Optional
Detector-Z2	N/A	N/A	N/A
<b>Inspection Capabilities</b>			
Solder Joint Quality (BGA, Leaded)	●	●	●
Bridging	●	●	●
Voiding	●	●	●
Opens	●	●	●
Package Inspection (wire bonds)	○	◐	●
Bare boards (Inner layers, traces, vias)	○	◐	●
Subtle Defect Inspection	○	◐	●
Flip Chip Capable	○	◐	●

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