

Insight Series - Features Comparison Table

Insight Series X-Ray System Features Comparison Table			
System Features	Insight 75 FSX-675	Insight 90 FSX-690	Insight 130 FSX-6130
System Hardware			
X-Ray Source	75kV	90kV	130kV
Magnification	>200X	>600X	>575X
Spot Size	33 micron	5 micron	5 micron
Resolution	>30 lp/mm	>40 lp/mm	>45 lp/mm
Field-of-View	>70mm	>40mm	>45mm
Standard 120VAC Power	Standard	Standard	Standard
Standard 240VAC Power	Optional	Optional	Optional
IP Computer Hardware			
Flat Panel Display (Monitor)	19"	19"	19"
Windows© XP, Operating System	Windows© XP Pro	Windows© XP Pro	Windows© XP Pro
Image Processor Options			
VIP	Standard	Standard	Standard
VIP Plus	Optional	Optional	Optional
VIPx	Optional	Optional	Optional
Board Handling			
Maximum Board Size	20 x 24"	20 x 24"	20 x 24"
X/Y Board Manipulation	Motorized	Motorized	Motorized
Tilt	Motorized	Motorized	Motorized
Rotate	Optional	Optional	Optional
Tube-Z1	Optional	Optional	Optional
Detector-Z2	Optional	Optional	Optional
Inspection Capabilities			
Solder Joint Quality (BGA, Leaded)	●	●	●
Bridging	●	●	●
Voiding	●	●	●
Opens	●	●	●
Package Inspection (wire bonds)	◐	●	●
Bare boards (Inner layers, traces, vias)	◐	●	●
Subtle Defect Inspection	◐	●	●
Flip Chip Capable	◐	●	●

Insight Series
(Dimensions)

