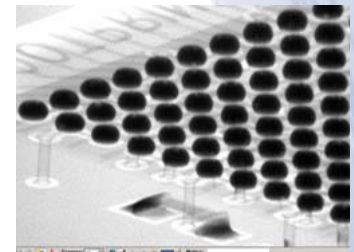


X-Ray Image Processor Features Comparison Table

Image Processor Features	VIP	VIP Plus	VIPx
File Save	●	●	●
.jpg	●	●	●
.bmp	●	●	●
.tiff	●	●	●
Print Images	●	●	●
Digital Magnify	●	●	●
Capture/Freeze Images	●	●	●
Live Frame Average	●	●	●
Image Sharpen Filter	●	●	●
Image Integration Capture	●	●	●
Measurement Calibration	●	●	●
Measurement Macros (Repeatability)	●	●	●
Image Notations			
Arrow Draw	●	●	●
Text Annotation	●	●	●
Standard Measurement Tools			
Distance (point to point)	●	●	●
Area (rectangular)	○	○	●
Area (circular)	○	○	●
BGA Measurement Tools			
BGA Ball Size Measurement	○	●	●
BGA Percent Void Measurement	○	●	●
BGA Pass/Fail Criteria	○	●	●
Measurement Reporting	○	●	●
Free Drawing Measurements	○	○	●
Leaded Device Measurement Tools			
Solder Joint Area	○	○	●
Solder Joint Voids	○	○	●
Pass/Fail Criteria	○	○	●
Semiconductor Measurement	○	○	●
Wire Sweep	○	○	●
Die Attach Void Measurement	○	○	●
Encapsulation Measurements	○	○	●
Gray Scale Readings			
Pixel Reading	○	○	●
Line Profile	○	○	●
Area Graph Profile	○	○	●
Image Contrast Adjust	○	○	●
Image Brightness Adjust	○	○	●
Auto Contrast Controls	○	○	●
Quad View	○	○	●
Pseudo Color	○	○	●
Negative Image	○	○	●
Contour Relief (Sobel)	○	○	●
3-D Image Graphing (gray scale)	○	○	●

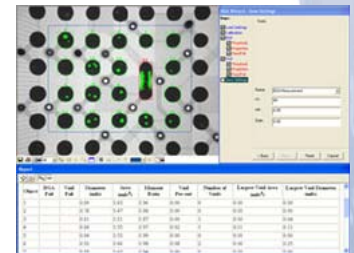


VIP
Standard Image Processor



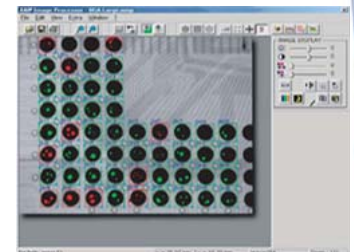
Essential Tools

VIP Plus
Enhanced Image Processor



Essential & BGA Analysis Tools

VIPx
Advanced Image Processor



Precision Measurement Tools