

AVI MINI Series



VARIANTS

AS G 250	8.3" x 9.84"/210mm x 250mm	2 Cameras
AD G 320	8.3" x 12.6"/210mm x 320mm	4 Cameras

- **Particularly made for small sized boards(30mm x 50mm)** - two single sided scans
- **High speed system** – 160mm/sec
- **Process Security** – Automatic sorting of Good and Bad stacks
- **Wide material range** – All rigid materials(e.g. Ceramic)
- **Scan range** – 30mm to 320mm
- **Easy Operation & Training** - User friendly interface
- **High Uptime – Short set up**, simple and easy to use offline data preparation
- **Clean Scanning Surface** – Integrated Dust cleaner
- **Fully automatic on the fly alignment**

PLEASE CONTACT US FOR MORE INFORMATION:

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TECHNICAL INFORMATION

Number of CCD for AS	2 (1 CCD X2 top side horizontal)	
Number of CCD for AD	4 (2 CCD X2 top side horizontal)	
Type of CCD	Colour (RGB)	
System Resolution	10 µm – 20 µm selectable	
Data source	Self learn only, Gerber only	
AS G 250 Max scan area(x/y)	8.3" x 9.84"	210mm x 250mm
AD G 320 Max scan area(x/y)	8.3" x 12.6"	210mm x 320mm
Min scan size (x/y)	1.18" x 1.97"	30mm x 50mm
Scan Speed (Double side)	6,3"/per sec.	160 mm per sec.
Detection mode	Image Contrast comparison & logic computing	
Detectable Defects	SM on Pad, Exposed Copper, Dishdowns, Trace Nicks, Broken SM Bridges, Missing SM, Legend Defects, Foreign Material Inclusions, Gold Defects, Discoloration, Contamination, etc.	
Surface Finish	HASL, Immersion Silver & Gold, Bare Copper, OSP, etc.	
Defect sorting	Good / N.G. Stacker	
Defect Confirmation	Online on the machine or Offline on VRS computer station	

DIMENSIONS

Width	51.5"	1,310 mm
Depth	67.7"	1,720 mm
Height	63.78"	1,620 mm
Weight	2640 lbs	1200 kg

ENVIRONMENTAL CONDITIONS

Power Supply	230V, 50/65Hz, 1000W 3 wires	
Air pressure	6 bar dry and oil free	
Air humidity	45 - 65% - not condensing	
Room Temp.	61° - 79 °F	16 - 26 °C

FEATURES

- Offline Data Preparation Station
- Offline Verification Software
- Integrated Dust Cleaner

SOFTWARE

Operating Software	Windows 10, English Version
User Interface	GUI with multi-language support (Chinese, English, Japanese)
Data Input formats	Gerber (Standard Gerber & Extended Gerber)

