

AVI Leopard Series



VARIANTS

AD G 400	11.8" x 15.7"/300mm x 400mm	4 Cameras
AS G 400	9.8" x 15.7"/250mm x 400mm	2 Cameras
AD G 650	17.7" x 25.6"/450mm x 650mm	4 Cameras

- **Simultaneous double side scan** - Up to 2 CCD top and 2 CCD bottom
- **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 650mm
- **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

AD G 400/ AD G 650 Number of CCD	4 (2 top and 2 bottom side horizontal)	
AS G 400 Number of CCD	2 (1 top and 1 bottom side horizontal)	
Type of CCD	Colour (RGB)	
System Resolution	20 µm – 40 µm selectable/PO	
Data source	Gerber only	
AD G 400 Max scan area (x/y)	11.8" x 15.74"	300mm x 400mm
AS G 400 Max scan area (x/y)	9.8" x 15.74"	250mm x 400mm
AD G 650 Max scan area (x/y)	17.7" x 25.6"	450mm x 650mm
AD/AS G 400 Min scan size (x/y)	1.18" x 3.93"	30mm x 100mm
AD G 650 Min scan size (x/y)	3.5" x 5.5"	90mm x 140mm
Scan Speed (Double side)	6,3"per sec.	160mm 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 - AD G 400 & AS G 400

Width	59.8"	1,520 mm
Depth	118.1"	3,000 mm
Height	75.8"	1,927 mm
Weight	2646 lbs	1200 kg

DIMENSIONS - AD G 650

Width	67.7"	1,720 mm
Depth	130.7"	3,320 mm
Height	73.8"	1,875 mm
Weight	2866 lbs	1300 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
- Verification Software
- Integrated Dust Cleaner

SOFTWARE

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

