

# AVI Mini AD G 320



- **Premium AVI system with color Camera**
- Double side scan with 2 CCD top side
- **210mm x 320mm / 8.3" x 12.6"**
- High speed camera system horizontal
- Fully automatic camera alignment
- Automatic PCB transport horizontal
- Flip function for rigid PCBs
- Sort good and bad panel
- User friendly, high-speed software
- Plug and Play data preparation
- **Quick and Easy setup**
- **Rigid PCBs / Ceramic**

PLEASE CONTACT US FOR MORE INFORMATION:

Group  
[Info.group@gardien.com](mailto:Info.group@gardien.com)  
 +65 6225 2238

China  
[Info.cn@gardien.com](mailto:Info.cn@gardien.com)  
 +86 512 5770 7951

Germany  
[Info.ge@gardien.com](mailto:Info.ge@gardien.com)  
 +49 6431 929730

Japan  
[info.jp@gardien.com](mailto:info.jp@gardien.com)  
 +81 3 3904 6230

Taiwan  
[Info.tw@gardien.com](mailto:Info.tw@gardien.com)  
 +886 3355 1668

USA  
[Info.us@gardien.com](mailto:Info.us@gardien.com)  
 +1 (503) 430 8980

Canada  
[info.ca@gardien.com](mailto:info.ca@gardien.com)  
 +1 (416) 292 0726

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## MECHANICS

Number of CCD	2 (2 top side horizontal)	
Type of CCD	Colour (RGB)	
CCD Pixel size	10 µm – 20 µm selectable	
Data source	Gerber only	
Max scan area (x/y)	8.3" x 12.6"	210mm x 320mm
Min scan size (x/y)	1.57" x 1.97"	40mm x 50mm
Scan Speed	2.0"per second	50 mm per second, <b>double side</b> <b>double side</b>
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 / Bad Stacker	
Defect Confirmation	Online on Scanner or Offline on VRS	

## DIMENSIONS & ENVIRONMENTAL CONDITIONS

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

## OPTIONS & UPGRADES

### Hardware

- Cleaning
- Dust Cleaner

### Software

- Offline Data Preparation Station
- Verification Software

## SOFTWARE

User Software	Windows 7, English Version
Data Input formats	Gerber