

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**

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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, double side |
| 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 |