

AVI Tiger MD G 800



- **Premium single sided AVI system**
- High speed camera system horizontal
- 2 Color CCD top side for more throughput
- **600mm x 800mm / 24" x 31.5"**
- Fully automatic camera alignment
- Automatic PCB transport
- **Vacuum table**
- User friendly, high-speed software
- Plug and Play data preparation
- Quick and Easy setup
- **No limits on Material**
- **Large scan size**
- **AOI function available software switch**

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MECHANICS

Number of CCD	2 top side horizontal	
Type of CCD	Colour (RGB)	
CCD Pixel size	25 µm – 35 µm selectable	
Data source	Self learn only, Gerber only	
Max scan area (x/y)	24" x 31.5"	600mm x 800mm
Min scan size (x/y)	1.18" x 3.93"	30mm x 100mm
Scan Speed	6,3" per second, single side	160 mm per second, single 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	50.4"	1,280 mm
Depth	78.8"	1900mm
Height	61.4"	1,560mm
Weight	1,320 lbs	600kg
Power Supply	230V, 50/65Hz, 1000W 3 phase	
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