

AVI Smart MS G 350



- **Premium single sided table AVI system**
- High speed camera system horizontal
- 1 Color camera top side
- **250mm x 500mm / 9.84" x 15.74"**
- Fully automatic camera alignment
- Automatic PCB transport horizontal
- User friendly, high-speed software
- **Vacuum table**
- Plug and Play data preparation
- Quick and Easy setup
- Single side scan only
- **No limits on material (rigid, semi rigid, flex)**

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MECHANICS

Number of CCD	1 top side horizontal	
Type of CCD	Colour (RGB)	
CCD Pixel size	10 µm – 35 µm selectable	
Data source	Self learn only, Gerber only	
Max scan area (x/y)	9.84" x 15.74"	250mm x 500mm
Min scan size (x/y)	1.18" x 1.18"	30mm x 30mm
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	18.1"	460 mm
Depth	43.3"	1100mm
Height	34"	865mm
Weight	244 lbs	120 kg
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