

AVI Leopard AD G 400



- **Premium AVI system with color Camera**
- Double side scan
- 2 CCD top and 2 CCD bottom side
- **300mm x 400mm / 11.8" x 15.7"**
- High speed camera system vertical
- Fully automatic camera alignment
- Automatic PCB transport vertical
- Sort Good and Bad PCB
- User friendly, high-speed software
- Plug and Play data preparation
- **Quick and Easy setup**
- **800 to 1000 scans / h (double side)**
- Dust cleaner
- Rigid PCBs

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MECHANICS

Number of CCD	4 (2 top and 2 bottom side horizontal)	
Type of CCD	Colour (RGB)	
CCD Pixel size	20 µm – 40 µm selectable	
Data source	Gerber only	
Max scan area (x/y)	11,8" x 15.74"	300mm x 400mm
Min scan size (x/y)	1.18" x 3.93"	30mm x 100mm
Scan Speed	6,3" per second double side	160 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	68.1"	1,730 mm
Depth	73.2"	1,860 mm
Height	60.2"	1,530 mm
Weight	1763 lbs	800 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