

# AVI Leopard AD G 650



- **Premium AVI system with color Camera**
- Double side scan
- 2 CCD top and 2 CCD bottom
- High speed camera system horizontal
- Fully automatic camera alignment
- Automatic PCB transport horizontal
- **8 sec. Per panel 450mm x 500mm (35µm resolution)**
- Sort Good and Bad PCB
- User friendly, high-speed software
- Plug and Play data preparation
- **Quick and Easy setup**
- Dust cleaner
- Rigid PCBs

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## MECHANICS

Number of CCD	<b>4 (2 top and 2 bottom side horizontal)</b>	
Type of CCD	Colour (RGB)	
CCD Pixel size	18 µm – 35 µm selectable	
Data source	Gerber only	
Max scan area (x/y)	17.7" x 25.6"	450mm x 650mm
Min scan size (x/y)	3.5" x 5.5"	90mm x 140mm
Scan Speed	8 sec. pnl (450x500mm) +/- 10% (35µm) <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	68.7"	1,720 mm
Depth	73.6"	1,870 mm
Height	92.7"	2,470 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

Operation Software            Windows 7, English Version

Data Input formats            Gerber