

# AVI Leopard AS G 400



- **Premium AVI system with color Camera**
- Double side scan
- 1 CCD top and 1 CCD bottom
- **250mm x 400mm / 9.8" x 15.7"**
- High speed camera system horizontal
- Fully automatic camera alignment
- Automatic PCB transport horizontal
- 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	2 (1 top side 1 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)	9.8" x 15.74"	250mm x 400mm
Min scan size (x/y)	1.18" x 3.93"	30mm x 100mm
Scan Speed	6,3"per second <b>double side</b>	160 mm per second, <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	68.1"	1,730 mm
Depth	73.2"	1,860 mm
Height	60.2"	1,530mm
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