

# KAIMA

## Automatic Universal Grid Tester Series



### VARIANTS

**GUDAAI/GUQAAI**

12.8" x 9.6"/325mm x 244mm

**GUDAA/GUQAA**

16.0" x 12.8"/406mm x 325mm

- **Arm Type handling** for irregular shaped PCB panels, using standard fixture designs
- **Interleaf handling** available
- **Camera alignment** option available
- Remarkable **throughput** up to **450 PCB panels** per hour
- **Top to bottom alignment** – to manage occasional misalignment and increase efficiency
- **Compatible** with most universal grid tester formats reusing existing fixture solutions
- **CE** certified

PLEASE CONTACT US FOR MORE INFORMATION:

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<b>GUDAAI/GUQAAI</b>	12.8" x 9.6"/325mm x 244mm
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TEST SYSTEM		DIMENSIONS & ENVIRONMENTAL CONDITIONS	
<b>Grid Density</b>		Width	136.61 "      3,470mm
GUDAAI/GUDAA	70 mil (Double Density-DD)	Depth	46.85 "      1,190mm
GUQAAI/GUQAA	50 mil (Quad Density-QD)	Height	68.50 "      1,740mm
Test points	24,576 per side (49,152) DD AAI	Weight	5,622lbs      2,550kg
	40,960 per side (81,920) DD AA	Air pressure	5.8 – 7.8 bar dry and oil free
	49,152 per side (98,304) QD AAI	Air humidity	50 - 65% - not condensing
	81,804 per side (163,608)QD AA	Room temp.	68° - 77 °F      20 - 25 °C
Electronic Test Speed	4,096 TP/s (DD); 8,192 TP/s (QD)	<b>ELECTRONICS</b>	
<b>Max test area (x/y)</b>		Test voltage	50V – 300V
GUDAAI/GUQAAI	12.8" x 9.6"      325mm x 244mm	Test current	20mA (max.)
GUDAA/GUQAA	16.0" x 12.8"      406mm x 325mm	Continuity test	10Ω – 1,000Ω
Min test size (x/y)	2" x 2"      50mm x 50mm	Isolation test	1 MΩ – 100 MΩ
<b>Max test board size (x/y)</b>		Power supply	380V, 3-phase, 5Wire (5KW)
	13.8"x10.6"      350mm x 270mm	<b>OPTIONS</b>	
	17.0" x 13.8"      432mm x 350mm	<ul style="list-style-type: none"> <li>○ Buried Resistance test</li> <li>○ Interleave sheet handling</li> <li>○ Automatic camera alignment (inside fixture)</li> <li>○ UCAM FixGenius &amp; UCAM FaultStation</li> </ul>	
Test board thickness automatic mode	0.6mm – 5.0mm	<b>SOFTWARE</b>	
Test board thickness manual mode	0.2mm – 10.0mm	Operating System	Windows 7, English Version
Defect sorting	Automatic Mode: Good / Bad Stacker	Operating Interface Language options	English, German, Chinese, Japanese
Fixture type spec	<b>A:</b> 3.75"/ 95.25mm height <b>B:</b> 1.7"/ 43.18mm height		
	smallest test pin Ø 0,15mm		
Net list/ input format	MANIA, CL-TECH, L&M, KM_SEU and other		
Defect confirmation/ repair software connectivity	Ucam FaultStation		