

# Flying Probe Tester Series



**G45**

24.4" x 20.1" / 620 mm x 510 mm

- **Double sided** Flying Probe system
- **High-speed belt driven motion system** - mounted on steel frame.
- **Stretch frame** – for thin core material
- **Multi image testing** - allows to test multiple jobs on one panel, increasing the output capacity
- Utilizing **FPX software** with all its **features and benefits**
- **Fully automatic camera alignment system**
- Comes with a **Plug and Play link** with the **Gardien AC8**
- **CE Certified**

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# Flying Probe Tester Series

## G45 Specification

### MECHANICS

No. of test probes	4 ( 2 front / 2 back) High Speed Z-Axis with soft touch (requires soft touch probes)	
Test probe pressure	2-10 g	
No. of CCD-cameras	2 (1 front/1back)- Fully automatic camera alignment for easy and fast compensation of board registration	
Max test area (x/y)	24.4"x 20.1"	620mm x 510mm
Min board size (x/y)	2" x 2"	50mm x 50mm
Max board thickness	235mil	6mm
Min board thickness (standard)	10mil	0,25mm
Repeatable accuracy +/-	0.6mil	15µm
Resolution (x/y) +/-	0.6mil	15µm
Smallest testable pad size	4mil	100µm
Smallest testable distance/pitch	4mil	100µm
Board Loading option	Stretch Frame	

### DIMENSIONS & ENVIRONMENTAL CONDITIONS

Width	70"	1780mm
Depth	29.9"	760mm
Height	73.7"	1874mm (without light)
	87.5"	2223mm (with light)
Weight	1322lbs	600kg
Air humidity	45-65% not condensing	
Room Temp.	64° -90°F	18°-32°C
Power supply	230V, 50/60Hz, 1000W Single Phase	
Air supply	6 bar oil free	

### ELECTRONICS

Test voltage	20V up to 500V (adjustable)	
Test current	5mA up to 200mA (adjustable)	
Continuity test	2 Ohm up to 2000 Ohm	
Isolation test	5 M Ω up to 500 M Ω	

### OPTIONS

#### Hardware

- > Quick Frame

#### Software

- > Data preparation software (Certified UCAMCO)
- > Verification software (Certified UCAMCO)

### SOFTWARE

Operating Software	Windows 10 (English Version)
User Interface	Gardien <b>FPX</b> with multi Language support (Chinese, Japanese, English, German, Spanish)
Data Input formats	MNF1, MNF2, IPC D 356A, , EMMA