



PRECISE FP7
Flying Probe Tester



The Granite Frame Design Provide :

- Accuracy
- Speed
- Flexibility
- Reliability Over Time



TECHNICAL SPECIFICATION

MECHANICS:

Number of test probes	4 (2 front / 2 back)	
Max. test area (x/y)	24" x 20"	609mm x 508mm
Max. panel size (x/y)	25" x 21"	635mm x 533mm
Min. board size	X=0.98" / Y=1.97"	X=25mm / Y=50mm
Max. board thickness	0.2"	5mm
Min.board thickness(Vacuum)	0.003"	0.07mm
Min. board thickness(Standard)	0.015"	0.38mm
Repeatable accuracy	0.12mil	0.0030mm
Resolution x/y	0.12mil	0.0030mm
Min. Pad size	2.5mil	63.5μ
Min. Pitch size	4mil	100μ
Test probe pressure	Max.0.17 Oz.	5g
Number of CCD cameras	2 (1 front / 1 back) for automatic alignment	

ELECTRONICS:

Test voltage	10 - 500V (adjustable)
Test current	5 - 200mA (adjustable)
Continuity test	Resistance / Discharge
Isolation test	Resistance / Discharge
VHT up to 1000V Testing	Option
Four wire Kelvin test (option)	0.05mΩ minimum
Power Supply	115V/230V, 50/60 Hz, 1KW

SOFTWARE:

Data input formats	IPC, Mania format, Microcraft, etc...
Data preparation software	Option
Verification software	Option
Test floor integration	Option

DIMENSIONS + REQUIREMENTS:

Width x Depth x Height	1800mm x 850mm x 2000mm
Weight	1400Kg
Air requirement	6 bar
Room temp. during operation	18°C - 28°C

Specifications and appearance in this catalogue are subject to change without previous notice.