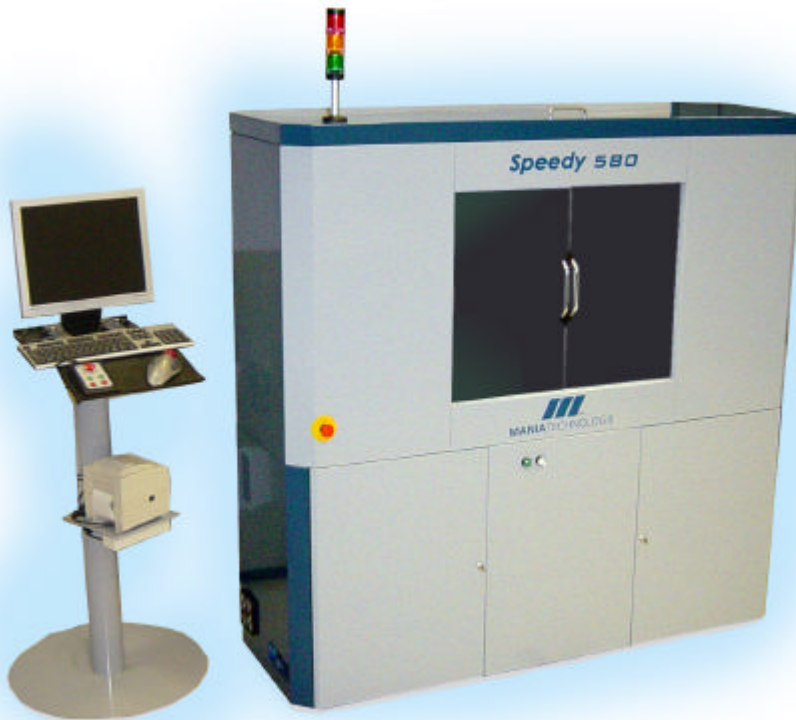


Speedy 580



R.O.I - Return on Investment

The Speedy 580 provides outstanding return on investment. Capable of testing 4 mil (100µm) geometries, the Speedy 580 continues to be an excellent fit for most PCB fabricators, and remains the best selling flying probe tester.

TFI - Test Floor Integration

Mania's TFI allows the use of Speedy 580 as a verification unit for batches previously on Mania UGT systems. Using the Mania ticket logs and a barcode reader, we can check the faults detected by grid testers. This allows the grid tester to proceed with testing and without the need to keep the machine idle while waiting for the boards to be verified and repaired.

Network of customer service 24 hours a day

Our positioning all over the world allows our customers to contact any Mania office for support, despite the fact that the first designated support partner is the local full provider. Mania Technologie Spain has a backup with a service engineer, also on weekends, to reply to customer answers.

- **Excellent Price/Performance Ratio**
- **Improved Accuracy**
- **High Test Speed**

Speedy 580

Technical Data

Technical Specifications

Probe heads	2 + 2	
Probe load	15 – 100 g (adjustable)	
Max. board size	26.4" x 19.7"	670 x 500 mm
Min. board size in x/y	0 / 0.98"	0 / 25 mm
Board loading	stretching frame	
Board setup for test	single board	
Repeatable accuracy	1.18 mil	30 µm
Resolution x/y	1.18 mil	30 µm
Min. pad pitch	7.88 mil	200 µm
Min. pad size	3.94 mil	100 µm
Test voltage	25 – 500 V (adjustable)	
Test current	30 – 200 mA (adjustable)	
Isolation method	discharge	
Number of CCD cameras	1 + 1 (for alignment support)	
Software data preparation	Ucam	
Auto-loader	–	
Air requirements	6 bar	
Weight	397 lbs	180 kg
Room temperature during operation	50° – 86° F	10° – 30° C
Test rate (test points per minute)	1,380	
Thin core test	yes	
Test floor integration	yes	