

## TEST PERFORMANCE

<b>Board-ID</b>	
<b>No. of test points</b>	
<b>Loading time for board</b>	
<b>Set-up time till test starts</b>	
<b>Time for optical alignment</b>	
<b>Witness marks</b>	
<b>Total test time for given product</b>	
<b>Test points/s.</b>	


### ELECTRONICS AND MECHANICS

- Basic unit with 16 test probes (8 probes per side)
- Variable board fixing system
- Multi-board test
- Active test area: 600 mm x 620 mm  
(23.6 in x 24.4 in)
- Max. board size: 650 mm x 670 mm  
(25.6 in x 26.4 in)
- Boards up to 10 mm (0.4 in) thickness

### OPTIONS

- High voltage test, 500 V/100 MΩ
- Selective resistance test (test of buried resistors):  
10 Ω – 50 MΩ, ±2 %
- Embedded capacitor test: 0,1 pf – 100 μF
- Fault verification and retest of atg- and ECT-grid tested boards
- Repair station with camera support

### OPTICAL REGISTRATION

- 2 cameras for optical scanning of top and bottom
- Automatic shrinkage compensation
- Free selectable scan marks

### DATA INPUT FORMATS

- ATF and EPC
- IPC-D-356/A

### ELECTRICAL PARAMETERS

- Continuity test (ohmic) 1 Ω (±2 %) – 10 KOhms
- 100 % isolation test (IFM) up to 20 MOhms
- Isolation ohmic up to 100 MOhms

### MECHANICAL PARAMETERS

- Positioning accuracy in X- and Y-direction:  
±10 μm (±0,0004 in)
- Repeatability: ±5 μm (0,0002 in)
- Smallest test pad: 35 μm (0,0014 in)
- Programmable test pressure: 10–100 g  
(0.35–3.53 oz)
- Programmable probe speed: 15–100 mm/s  
(0.59 in/s – 3.94 in/s)
- Programmable Z-axis travel: 0.5 mm – 20 mm  
(0.02 – 0.79 in)



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