

MECHANICS

Basic unit with 16 test probes (8 top, 8 bottom)
 Swiveling insert frame for rigid boards
 Max. board size (X x Y): 630 x 650 mm (24.8" x 25.6")
 Test area: 600 x 620 mm (23.6" x 24.4")
 Board thickness: up to 10 mm (0.4")
 Smallest pad: 25 μm (1 mil)
 Smallest pitch: 50 μm (2 mil)
 System accuracy: ±10 μm (±0.4 mil)
 Repeatable accuracy: ±5 μm (±0.2 mil)
 Standard probes: 10 - 100 g
 Soft touch probes: 5 - 15 g (no witness marks)

ELECTRONICS

Continuity test: 1 Ω to 10 kΩ
 Isolation test: up to 25 MΩ (FM), up to 2 GΩ (ohmic)
 Test voltage: up to 500 V

CAMERA SYSTEM

8 high resolution cameras (1024 x 768 pixel) for rapid optical scanning of top and bottom side
 Accuracy from 5 μm/pixel

OPTIONS

- Variable board fixing system with clamp and tension mode for flexible and rigid boards, board thickness 0.05 mm (0.002") up to 10 mm (0.4")
- 4-wire measurement: 1 mΩ to 1 kΩ (±0.1 mΩ ±2 %)
 - Kelvin probes, 5 - 15 g
 - Blade probes, 5 - 15 g
- LaTest® open detection with LaTest®-blade probes, 50 - 100 g
- Embedded components test:

Measurement		Tolerance
R	1 Ω to 50 MΩ	±(0.5 Ω ±0.5 %) <10 MΩ ±2 % >10 MΩ
C	0.1 pF to 100 μF	±(0.03 pF ±2 %)
L	0.2 μH to 5000 μH	±(0.1 μH ±2 %)

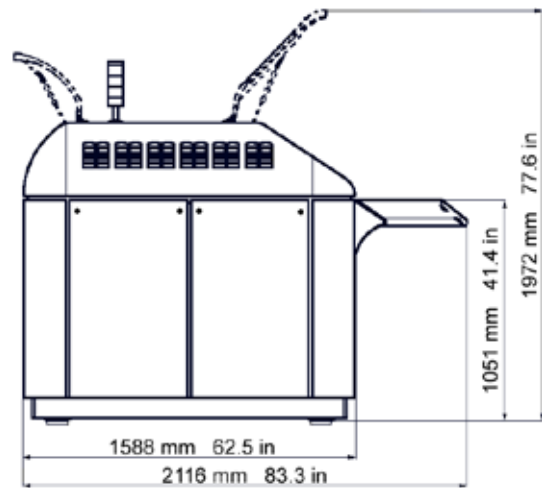
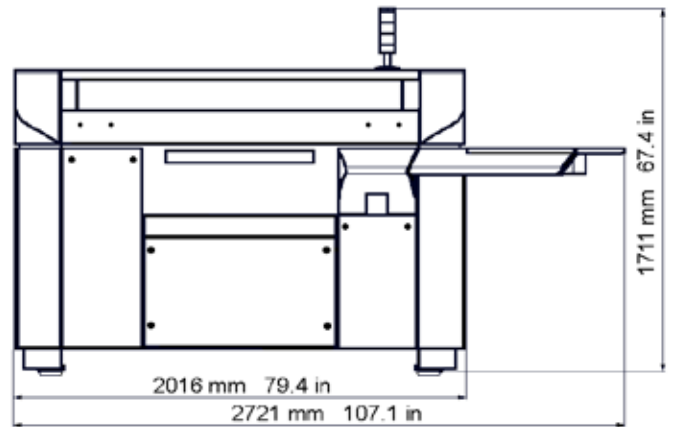
- Vacuum box for single-sided test of inner layers and flexible boards, Flip test for double sided boards
- Retest of fault files from grid test systems, with barcode support
- Repair software with barcode support
- Glass calibration board

DATA INPUT FORMATS

IPC-D-356/A

NETWORK CONNECTION

Ethernet, TCP/IP



POWER SUPPLY

3 x 400 V, 50 Hz (3 x 208 V, 60 Hz), 2500 VA

COMPRESSED AIR

6 bar (90 psi), filtered

TEMPERATURE

19 °C to 27 °C (66 °F to 81 °F), ±3 K

RELATIVE HUMIDITY

40 % to 60 %

WEIGHT

1800 kg (3968 lb)



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