

## MECHANICS

Basic unit with 8 test probes (4 top, 4 bottom)  
 Variable board fixing system, multi board test  
 Max. board size (X x Y): 650 x 475 mm (25.6" x 18.7")  
 Test area: 610 x 460 mm (24.0" x 18.0")  
 Board thickness: up to 7 mm  
 Smallest pad: 50  $\mu$ m (2 mil)  
 Smallest pitch: 100  $\mu$ m (4 mil)  
 System accuracy:  $\pm 20 \mu$ m ( $\pm 0.8$  mil)  
 Repeatable accuracy:  $\pm 10 \mu$ m ( $\pm 0.4$  mil)  
 Standard probe 10 - 100 g  
 High speed 48 V motors

## ELECTRONICS

Continuity test: 1  $\Omega$  to 10 k $\Omega$   
 Isolation test: up to 25 M $\Omega$  (FM), up to 2 G $\Omega$  (ohmic)  
 Test voltage: up to 500 V

## CAMERA SYSTEM

Two high resolution cameras (640 x 480 pixel) for rapid optical scanning of top and bottom side  
 Accuracy from 10  $\mu$ m/pixel

## OPTIONS

- Soft touch probe 5 - 15 g (no witness marks)
- 4-wire measurement: 1 m $\Omega$  to 1 k $\Omega$  ( $\pm 0.1$  m $\Omega$   $\pm 2$  %)  
 Blades, 5 - 15 g  
 Kelvin-Blades, 5 - 15 g
- LaTest<sup>®</sup> open detection with LaTest<sup>®</sup>-blade probes, 50 - 100 g
- Embedded components test:

Measurement	Tolerance
R	1 $\Omega$ to 50 M $\Omega$
	$\pm(0.5 \Omega \pm 0.5 \%) < 10 \text{ M}\Omega$ $\pm 2 \% > 10 \text{ M}\Omega$
C	0.1 pF to 100 $\mu$ F
	$\pm(0.03 \text{ pF} \pm 2 \%)$
L	0.2 $\mu$ H to 5000 $\mu$ H
	$\pm(0.1 \mu\text{H} \pm 2 \%)$

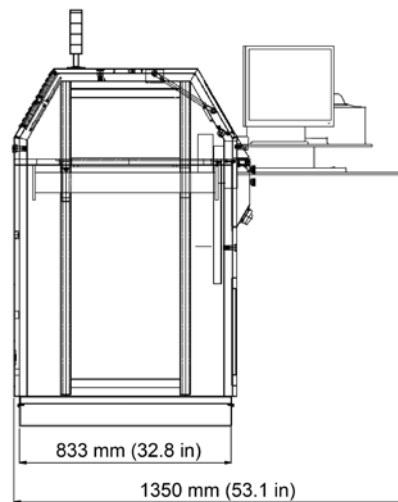
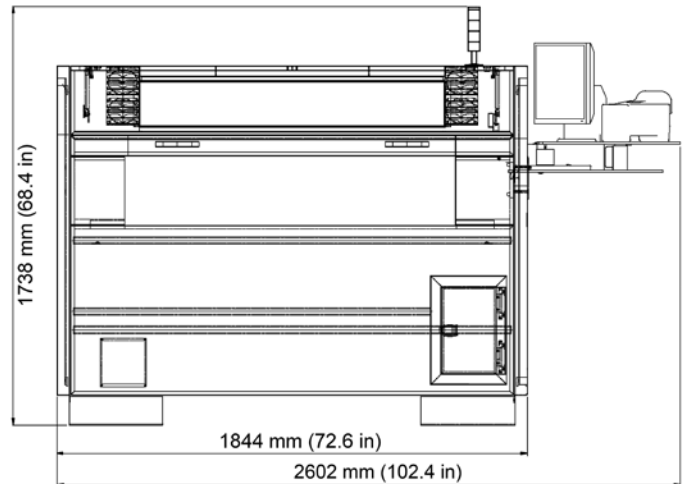
- Vacuum box for single-sided test of inner layers and flexible boards, Flip test for double sided boards
- Retest of fault files from grid test systems, with barcode support
- Repair software, with barcode support

## DATA INPUT FORMATS

IPC-D-356/A

## NETWORK CONNECTION

Ethernet, TCP/IP



## POWER SUPPLY

230 V, 50 Hz (115 V, 60 Hz), 1800 VA

## TEMPERATURE

19  $^{\circ}$ C to 27  $^{\circ}$ C (66  $^{\circ}$ F to 81  $^{\circ}$ F),  $\pm 3$  K

## RELATIVE HUMIDITY

40 % to 60 %

## WEIGHT

1200 kg (2645 lb)



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