

C.L. TECH ELECTRICAL TEST SOLUTIONS

GRID TESTERS



TECHNICAL DATA	MACHINE MODEL	MACHINE MODEL
	GT20-20	VALID8
MAXIMUM TEST AREA IN DOUBLE AND QUAD DENSITY	325mm X 243mm (16"X12.8")	487mm X406mm (19.2"X16")
MAXIMUM NUMBER OF ACTIVE POINTS IN DOUBLE DENSITY PER HEAD	40960	61440
MAXIMUM NUMBER OF ACTIVE POINTS IN QUAD DENSITY PER HEAD	81920	122880
TEST VOLTAGE	PROGRAMMABLE FROM 10 TO 250 VOLT	PROGRAMMABLE FROM 10 TO 250 VOLT
TEST CURRENT	PROGRAMMABLE 5-10-20 mA	PROGRAMMABLE 5-10-20 mA
MAXIMUM ISOLATION RESISTANCE	100M Ohm	100M Ohm
MINIMUM CONTINUTY RESISTANCE	5 Ohm	5 Ohm
OPTIONS		
BURIED RESISTANCE TEST		
MICRO SHORT DETECTION		
CARBON TEST		
LOW CONTINUITY TEST DOWN TO 0.1 Ohm		
HIPER ISOLATION TEST UP TO 1 G OHM		
AUTOMATIC LOADING AND UNLOADING SYSTEM		

C.L. TECH S.r.l.
 Via Schiaparelli 7,
 37135 Verona, Italy
 p. +39 045 8766750
 f. +39 045 5112605
 e. sales@cltechsrl.it

AUTOMATIC GRID TESTERS



TECHNICAL DATA	MACHINE MODEL	MACHINE MODEL
	GT20-20AUTO	VALID8AUTO
MAXIMUM BOARD SIZE	431mm x 355mm (17"x14")	513mm x 431mm (20.2"x17")
MAXIMUM TEST AREA IN DOUBLE AND QUAD DENSITY	325mm X 243mm (16"X12.8")	487mm X406mm (19.2"X16")
MAXIMUM NUMBER OF ACTIVE POINTS IN DOUBLE DENSITY PER HEAD	40960	61440
MAXIMUM NUMBER OF ACTIVE POINTS IN QUAD DENSITY PER HEAD	81920	122880
TEST VOLTAGE	PROGRAMMABLE FROM 10 TO 250 VOLT	PROGRAMMABLE FROM 10 TO 250 VOLT
TEST CURRENT	PROGRAMMABLE 5-10-20 mA	PROGRAMMABLE 5-10-20 mA
MAXIMUM ISOLATION RESISTANCE	100M Ohm	100M Ohm
MINIMUM CONTINUTY RESISTANCE	5 Ohm	5 Ohm
	OPTIONS	
	BURIED RESISTANCE TEST	
	MICRO SHORT DETECTION	
	CARBON TEST	
	LOW CONTINUTY TEST DOWN TO 0.1 Ohm	
	HIPER ISOLATION TEST UP TO 1 G OHM	

C.L. TECH S.r.l.
 Via Schiaparelli 7,
 37135 Verona, Italy
 p. +39 045 8766750
 f. +39 045 5112605
 e. sales@cltechsrl.it

FLYING PROBE TESTERS



Precise FP2 Series



Precise FP6



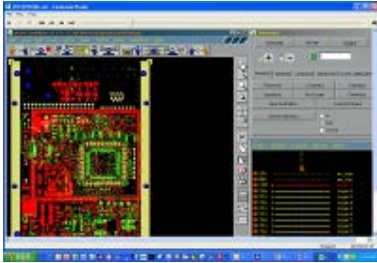
Precise FP7



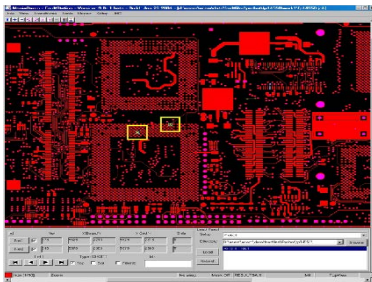
Precise FP8

MACHINE MODEL	MAX PANEL SIZE	MAX TEST AREA	MINIMUM PAD	MINIMUM PITCH	TEST SPEED (TP/ MIN)	4 wire
PRECISE FP2 +	635mm x 533mm 25" x 21"	609mm x 508mm 24" x 20"	89μ (3.5 mil)	200μ (8 mil)	2500	NA
PRECISE FP3	635mm x 533mm 25" x 21"	609mm x 508mm 24" x 20"	89μ (3.5 mil)	200μ (8 mil)	2500	Standard
PRECISE FP2 XL	940mm x 622mm 37" x 24.5"	914mm x 508mm 36" x 24"	101μ (4 mil)	200μ (8 mil)	2500	Optional
PRECISEFP2XXL	1219mm x 813mm 48" x 32"	1193mm x 800 47" x 31.5"	101μ (4 mil)	200μ (8 mil)	2500	Optional
PRECISE FP6	635mm x 533mm 25" x 21"	609mm x 508mm 24" x 20"	76μ (3 mil)	152μ (6 mil)	3000	Optional
PRECISE FP7	635mm x 533mm 25" x 21"	609mm x 508mm 24" x 20"	63μ (2.5 mil)	101μ (4 mil)	4500	Optional
PRECISE FP8	635mm x 533mm 25" x 21"	609mm x 508mm 24" x 20"	38μ (1.5 mil)	101μ (4 mil)	5500	Standards

C.L. TECH S.r.l.
 Via Schiaparelli 7,
 37135 Verona, Italy
 p. +39 045 8766750
 f. +39 045 5112605
 e. sales@cltechsrl.it



DATA PREPARATION SOFTWARE FOR GRID AND FLYING PROBE TESTERS



REPAIR STATION SOFTWARE

TEST FLOOR INTEGRATION FOR :

- AUTOMATIC VERIFICATION
- AUTOMATIC RETEST
- SPLIT TEST BETWEEN GRID TESTER AND FLYING PROBE



C.L. TECH S.r.l.
Via Schiaparelli 7,
37135 Verona, Italy
p. +39 045 8766750
f. +39 045 5112605
e. sales@cltechsrl.it

Services

In addition to the above mentioned products CL TECH offers a variety of services related to the test of the printed circuit boards.

Below are reported the main one;

- Data preparation for Flying Probes and Grid Testers
- Fixture manufacturing
- Test with grid tester and flying probes
- Special test like; 4 wire testing, carbon test, buried resistor test, very high isolation test
- Customized test solution and test systems
- Refurbishment of used test systems
- Calibration Service
- Maintenance and repair of test systems
- Supply of spare parts
- Parts refurbishment and repair