



CHECKSUM ILS-3000™

In-Line Test

CheckSum ILS-3000 In-Line Test System

Powerful, Flexible and Proven production test system that supports the complete suite of CheckSum's test capabilities for ICT, ISP and PFT (Parallel Functional Testing). Designed for in-line high volume parallel PCBA panel testing applications.

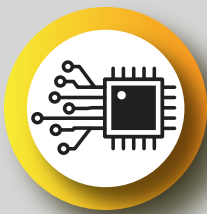
- Easy Integration with all CheckSum Test Electronics
- Standard Dual-Level Probing
- Top and Bottom Probing
- Integrated Rack for Optional 3rd Party Instrumentation
- < 60 Second Fixture Changeover
- Rapid and Precise Press Actuation
- Optional Auto-Rail width Adjust
- Up to 3000 Test Points Supported



Parallel Test Maximum Productivity

Each test system utilizes our advanced communication architecture enabling more testing in one fixture with CheckSum's breakthrough Parallel Test technologies:

Unmatched Parallel Test Capability



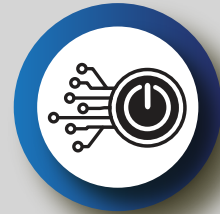
CHECKSUM ICT™

4X Faster In-Circuit
Panel Test



CHECKSUM MultiWriter™

Program up to 384
Devices in Parallel



CHECKSUM PFT™

Functionally Test an Entire
Panel of Boards in Parallel

The Power of Parallel™

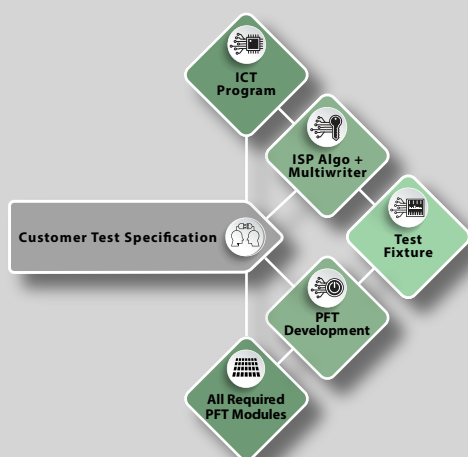
Why Test
One at
a Time?

4-UP 2X Faster

10-UP 3.8X Faster

20-UP 7.6X Faster

Full Turnkey Test Solution Developed to Meet Your Unique Test Specifications



Engineered Test Fixture



CheckSum 12KN Integration

Proven Production Test Platform

CheckSum ICT is a fast, accurate and stable test system with easy program development, a proven platform with billions of boards tested on over 4000 systems deployed globally. CheckSum is relied on by electronics manufacturers of automotive, telecom, medical, industrial, and consumer products. For over 30 years, CheckSum has provided flexible, cost effective test and programming solutions.

Specifications

System Specifications	
Dual level probing	Standard
Maximum test probes	3000
Rail height from floor	940 to 965 mm (37 to 38 inches)
Press force	7.8 KN
X-Axis speed	390 mm /sec
Fixture cycle time	3 seconds (typical)
System cycle time	7.7 seconds from entry to exit (product depend)
Fixture changeover	< 1 minute
Operating Environment	10 – 35 C (50 – 95 F) / 45 – 85 % RH
Compressed air	0.5Mpa (72.5 psi) minimum
Power Requirements	230 VAC@ 50/60 Hz, single phase, 2.5 kVA
Options	Auto rail width adjust

PCB Specifications	
PCB Width	40 mm (1.57 inches) to 510 mm (20.0787 inches)
PCB Length	40 mm (1.57 inches) to 380mm (14.9 inches)
Max. Comp. Height	50 mm (2 inches) Top, 31.75 mm (1.25 inches) Bottom
PCB thickness	> 1.0 mm
Rail to edge of PCBA	3.05 (0.120 inches) minimum
PCB Weight	Maximum 3 Kg.

System Dimensions	
Depth	96.2cm (38 inches)
Width	1094 mm (43.1 inches)
Height	1735 mm (68.3 inches)
Weight	320 Kg (704 lbs.)

CHECKSUM

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*TestJet Technology is protected under U.S. Patent Nos. 5,124,660 and 5,254,953.

MultiWriter Technology is protected under U.S. Patent No. 7,802,021. Parallel Functional Test is patent pending

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