



CHECKSUM ILS-X2™

Dual-Panel Automated Test System

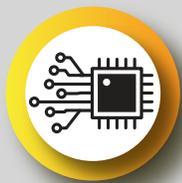
High-speed automated test system that runs the complete suite of CheckSum Parallel Test -- multi-core ICT, Multi-Writer ISP, and Parallel Functional Test (PFT).** **Dual-panel handling within a single fixture amplifies the throughput advantage of true parallel testing while reducing fixture and equipment costs.**

Flexible handling supports **single panel operation** as well as **two panels simultaneously within one fixture**, allowing you to switch between **single, parallel, and sequential test flows**. Fixture compatibility with our manual test systems gives manufacturers the freedom to move between automated and manual production test as needs change.

- **Up to 5,000 Test Points**
- **Automatic Width Adjustment**
- **Top and Bottom-Side Probing**
- **Fast, Easy Fixture Changeover**
- **Two Stop Positions (Dual-Panel)**
- **Supports all CheckSum Test Electronics**
- **Built-in 19" Rack for Third-Party Electronics**
- **Supports Single, Parallel, and Sequential Test Flows**
- **Touch-less Automation for In-Line or Off-Line Operation**
- **Optional Integrated Conveyors for Parallel Transport and Test of Two Panels**
- **Fixtures Compatible with Automated and Manual Test Systems (12KN and ILS-X2)**



Unmatched Parallel Test Capability



CHECKSUM ICT™

4X Faster In-Circuit
Panel Test



CHECKSUM MultiWriter™

Program up to 384
Devices in Parallel

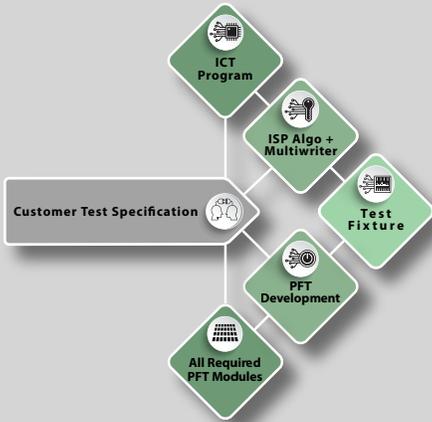


CHECKSUM PFT™

Functionally Test an Entire
Panel of Boards in Parallel

The Power of Parallel™

Full Turnkey Test Solution Developed to Meet Your Unique Test Specifications



Engineered Test Fixture

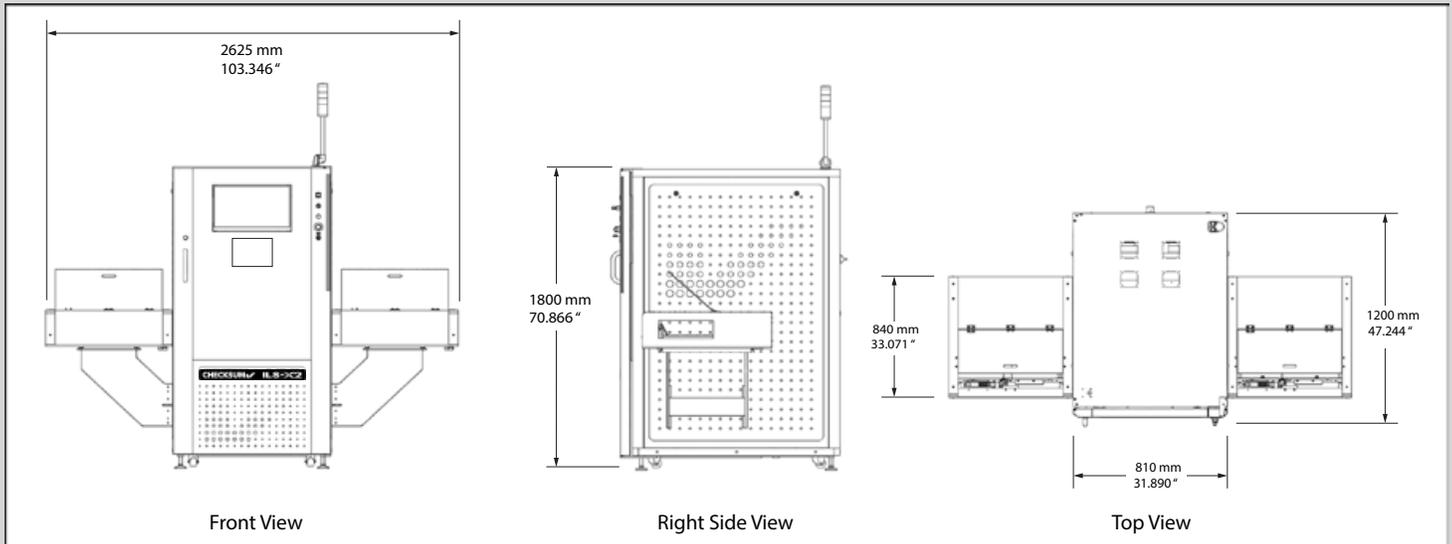


CheckSum ILS-X2 Integration

Specifications

| System Specifications | |
|------------------------------|--|
| PCB Exchange Time | Typical 7.2 seconds (product dependent) |
| Press Force | 10 kN |
| Contacting Method | Bottom, Top, Single and Dual Stage Contacting |
| Transport Belt Speed | 100-800 mm/sec (3.937-31.496 inches/sec) |
| Transport Height | 940-965 mm (37.008-37.992 inches) SMEMA |
| Transport Direction | L to R, R to L (to be specified at time of system order) |
| Fixture Change Time | < 3 min (top and bottom) |
| Energy Requirements | 3 x 400 V + N, 10kVA for 10KN press |
| Compressed Air | 6-20% bar, according to DIN ISO 8573 3.4.5 |
| Manufacturing Specifications | |
| Standards | SMEMA, CE |

| PCB Specifications | |
|--------------------------|--|
| Fixture KIT28 | PCB probe area 24 x 13.2 inches (61 x 33.5 cm); up to 28 wiring blocks |
| Fixture KIT20 | PCB probe area 16 x 13.2 inches (40.6 x 33.5 cm); up to 20 wiring blocks |
| Max Component Height | 3.325 inches (845mm) top side / 2.92 inches (742 mm) bottom side |
| PBC Thickness / Weight | >0.8 mm (.031 inches) / Max 2.5 kg (5.512 lbs) |
| Power Specifications | |
| Supply Voltage USA | 3-Phase 208 VAC + Neutral (120 VAC) + Ground - 60 Hz. |
| Supply Voltage Europe | 3-Phase 400 VAC + Neutral (220VAC) + Ground - 50 Hz. |
| Technical Specifications | |
| Finish | RAL 7035 ESD Light Grey Powder Coat |
| Dimensions (L+D+H) | 810w x 1200d x 1800h mm (31.890 x 47.244 x 70.866 inches) |
| Weight | ca 850kg (1873.929 lbs) excluding test fixture |



CHECKSUM

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

**Parallel Functional Test is patent pending.

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