



CHECKSUM ILS-10KN™

In-Line Test System

CheckSum ILS-10KN In-Line Test System

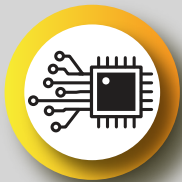
Powerful, Flexible and Proven production test system that supports the complete suite of CheckSum's test capabilities for ICT, ISP and PFT (Parallel Functional Testing).

The ILS-10KN's small footprint delivers high-speed board handling, with the versatility to support a wide range of PBCA test and programming applications.



- Supports all CheckSum Test Electronics
- Supports Dual Level Probing
- Supports Top and Bottom Probing
- Minimal Footprint
- Fast and Easy Fixture Changeout
- High-Speed Board Handling of ≈ 3.5 Seconds
- 10 KN Press Force
- Automatic Width Adjustment
- Two Stop Positions for Dual Panel Testing
- Supports CheckSum KIT20 - 12KN Fixtures
- Up to 3600 Test Points Supported
- Supports 3rd Party Test Electronics with Built-In 19" Rack

Unmatched Parallel Test Capability



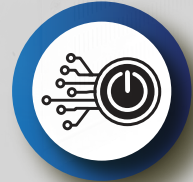
CHECKSUM ICT™

4X Faster In-Circuit
Panel Test



CHECKSUM MultiWriter™

Program up to 384
Devices in Parallel

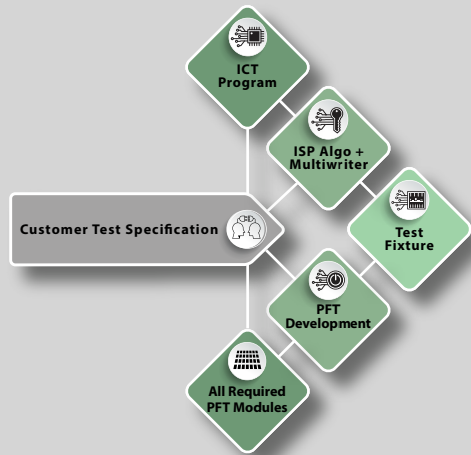


CHECKSUM PFT™

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



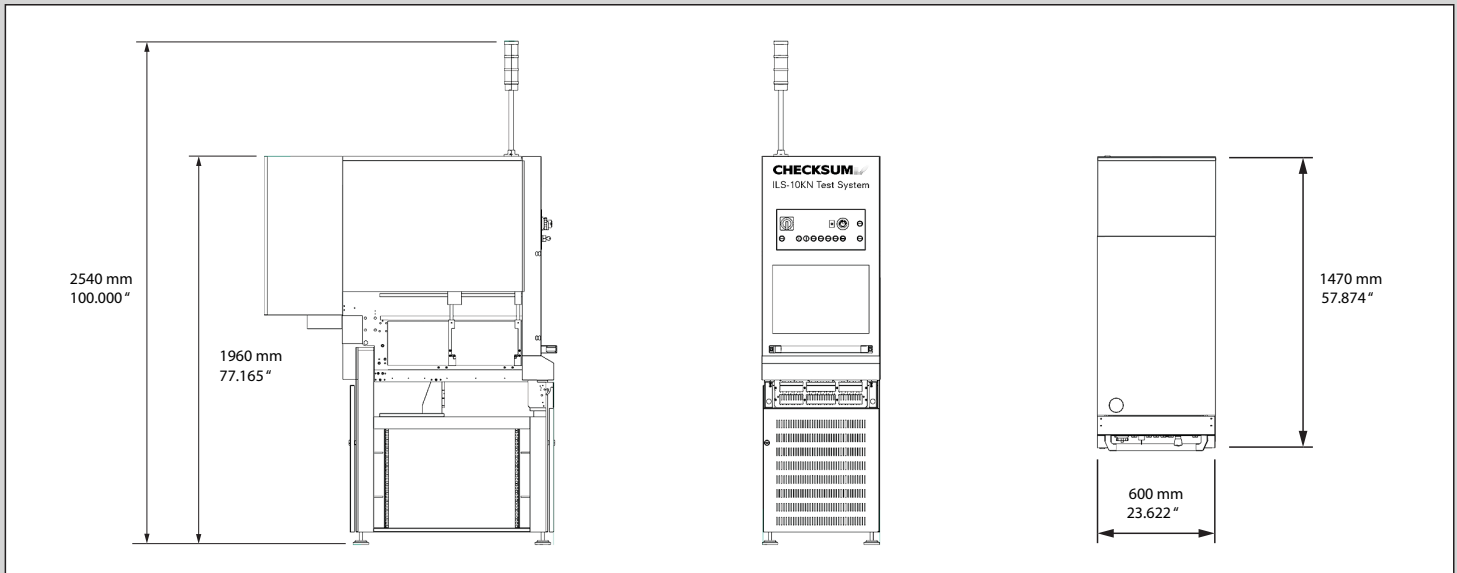
CheckSum ILS-10KN Integration

Specifications

System Specifications	
PCB Exchange Time	Typical 3.5 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	< 1 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
Standards	SMEMA, CE

PCB Specifications	
PCB Width	40 - 300 mm (1.575 - 11.811 inches) small single lane
PCB Thickness	>0.8 mm (.031 inches)
Component Height	Max 70mm (2.756 inches) Top Side / 25.4mm (.945 inches) Bottom Side
PBC Weight	Max 2.5 kg (5.512 lbs)
PCB Probe Area	40.6 x 33.5 cm (16 x 13.2 inches); up to 20 wiring blocks

Technical Specifications	
Finish	RAL 7035 ESD Light Grey Powder Coat
Dimensions (L+D+H)	600 x 1470 x 1960 mm (23.622 x 57.874 x 77.165 inches)
Weight	ca 500kg (1102.311 lbs) excluding test fixture



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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.

www.checksum.com

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