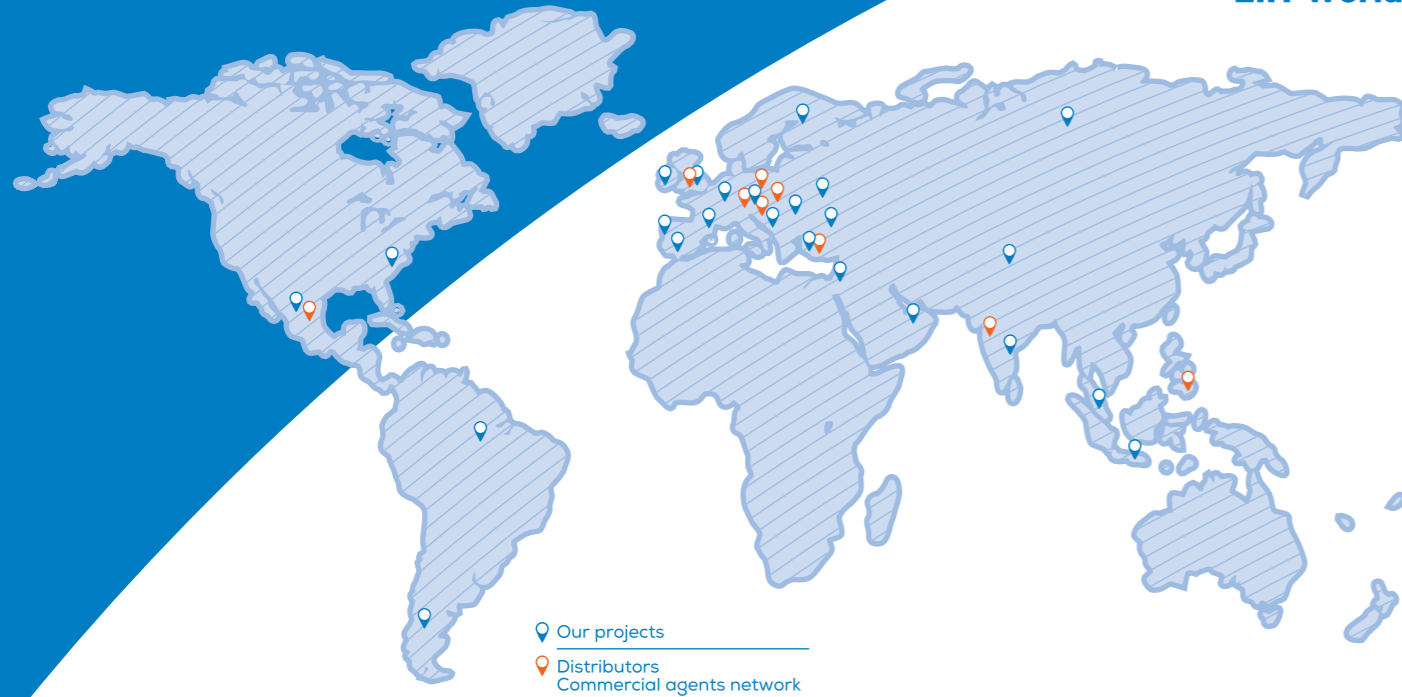


In-Line Handling Solutions

EIIT World



Our Handler/Automation Systems Production facility (2.000 m²)





Designed to your exact needs for high number of test points, large panels and future expandability.
The XILS handler series is prepared for the most demanding applications.

Wide range of PCB dimensions, high handling speed, fast and easy setup, facilitated product changeover, flexible and adapted to different electronic test technologies, the XILS will be the best choice for your In Line testing needs. Additionally all XILS series handlers communicate between themselves eliminating the typical need of intermediate buffering and link-conveyors with Bar Code Readers.

Specific Handling solutions fruit of our seamless cooperation with clients and partners!

The XILS800-TSi a perfect fit to Teradyne's TestStation platforms.

The XILS600 the most versatile ISP and FCT In-Line handling system in the current market, capable of multi-station parallel applications while the handlers are connected in a shop-floor serial layout. Additionally, due to a special Instrumentation Subrack with a secondary interface to the fixture, this handler is the market leader in the shortest wiring distance from instrumentation to UUT, ideal for critical instruments.



XILS1000



XILS800



XILS800-TSi



XILS600

Typical Application	ICT	ICT	ICT	Flash / Functional
Max. PCB size	610 x 460 mm	440 x 460 mm	510 x 460 mm	510 x 460 mm
Min. PCB width	100 mm	100 mm	100 mm	100 mm
Component Top side clearance	100 mm	100 mm	100 mm	100 mm
Component Bottom side clearance	55 mm	50 mm	50 mm	50 mm
PCB edge support	2,5 mm	2,5 mm	2,5 mm	2,5 mm
Transport direction	L > R , R > L	L > R , R > L	L > R , R > L	L > R , R > L
Transport height	930 mm ± 30 mm	930 mm ± 30 mm	940mm + 40mm	940mm + 40mm
Drive force (nominal)	Servomotor (16 KN)	Servomotor (10 KN)	Servomotor (10 KN)	Servomotor (3 KN)
Recommended / Max Test Points	7680	4800	5120	1000
Handling time (machine cycle)	approx 5 seconds	approx 4 seconds	approx 4 seconds	approx 4 seconds
Fixture exchange time	< 3 minutes	< 3 minutes	< 3 minutes	< 3 minutes
Conveyor width adjustment	Automatic	Automatic	Automatic	Automatic
Dimensions (Length)	1025 mm	800 mm	810 mm	720 mm
Dimensions (Width)	1100 mm	1100 mm	1200 mm	1200 mm
Dimensions (Height)	1800 mm	1800 mm	1850 mm	2000 mm
Weight	950 Kg	800 Kg	850 Kg	600 Kg
Rackable/Instrumentation space	16U	9U	12U	20U
Interface Type	Pylon Blocks / ODU	Pylon Blocks / ODU	Vacuum Interface Kit + 2 ODU	Pylon Blocks / ODU
Machine Control	Beckhoff	Beckhoff	Beckhoff	Beckhoff
Machine Communication	Sockets communication	Sockets communication	Sockets communication	Sockets communication
Max. Numbers of PCB Stoppers	3	2	2	2
Main Conveyor ByPass Option	Yes	Yes	Yes	Yes
Secondary PassThrough Conveyor	Yes, @ lower level	Yes, @ lower level	No	Yes, @ SMEMA level
Option Camera	No	Yes	Yes	Yes
Electrical Power	3 x 400V AC 50/60Hz	3 x 400V AC 50/60Hz	3 x 400V AC 50/60Hz	3 x 400V AC 50/60Hz
Pneumatic Requirements	6 bar	6 bar	6 bar	6 bar
Vacuum Required	N / A	N / A	40 cfm, 1.13 cubic meter/minute	N / A
CE Approved	Yes	Yes	Yes	Yes
SMEMA Compliant	Yes	Yes	Yes	Yes

Solutions Equipment & Partnership

We encourage the **constant exchange of ideas and best practices** with our clients and partners.

Our projects are focused on **providing the best engineering solutions** for specific test necessities **integrated in our In-Line Handling Systems**.

Tests

- > ICT
- > Digital / Boundary scan
- > ISP – In System Programming
- > LED testing
- > ASA – Analog Signature Analysis
- > Functional
- > Vision

Integrations

- > TRI
- > CheckSum
- > Teradyne
- > Goepel electronic
- > SMH (Flash Runner)
- > CheckSum (MultiWriter)
- > Feasa
- > Huntron
- > National Instruments