



# XILS800

EXTENDED IN-LINE SYSTEM





## The XILS handler series is prepared for the most demanding applications.

Designed to your exact needs for high number of test points, large panels and future expandability.

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.

### XILS800

XILS800 is a **general-purpose in-line handler** to integrate **most powerful ICT** instrumentation in the world. It supports manufacturer such Teradyne, Keysight, Checksum, TRI, and others.

- ▶ Fast and ergonomic fixture exchange
- ▶ Small footprint – other modules may be pressed against both sides
- ▶ Lateral actuation for DUT connectors (USB, Ethernet, etc.) with controlled insertion force

We encourage the constant **exchange of ideas and best practices** with our customers and partners. Our projects provide the **best engineering** solutions for specific test needs integrated in our **in-line Handling Systems**.

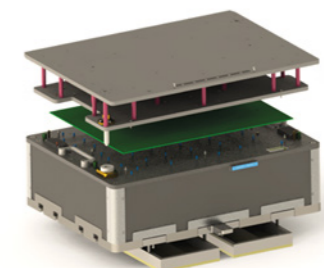
### Features

- High resistance iron and aluminum structure to handle +3KN forces
- Automatic electrical adjustable conveyor width (with memories)
- High speed conveyor with programmable speed up to 1000mm/s
- Main conveyor with Bypass option
- Servomotor controlled compression movement during the test
- Dual Stage testing
- Servomotor programmable testing heights
- Handling time approx. 4s (machine cycle time excluding test)
- Less than 3 minute fixture changeover time
- Fixture Coding on both Bottom and Top plates for product/fixture validation
- 2 Modular pilon blocks for integration of additional instrumentation such as CAN, RF, pneumatic or other specific needs
- Machine Control communication drivers for .NET, NI LabWindows CVI, LabVIEW or any other third-party platforms with TCP/IP communication sockets
- Beckhoff virtual PLC installed in Instrumentation PC



#### XILS800

Typical application	ICT;ISP
Max. PCB size	510x460 mm
Min. PCB width	100 mm
Component top side clearance	100 mm
Component bottomside clearance	50 mm
Drive force (nominal)	10kN
Recommended/Max test points	5120
Handling time (machine cycle)	approx. 4 Sec
Fixture exchange time	<3min
Dimensions (length)	1200 mm
Dimensions (width)	810 mm
Dimensions (height)	1800 mm
Weight	850kg
Rackable/Instrumentation space	10U for general purpose Instrumentation
Interface type	Vacuum Interface Kit
Machine control	Beckhoff
Machine communication	Sockets communication
Electrical power	3x380VAC50-60Hz
Pneumatic requirements	6 bar
Vacuum required	40 cfm/1.12 m3
CE approved	Yes



# Innovation, Quality and **Passion for Engineering.**



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