

XILS800-MY23

EXTENDED IN-LINE SYSTEM



MOD.238IHEND
XILS800 MY23



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-MY23

XILS800-MY23 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

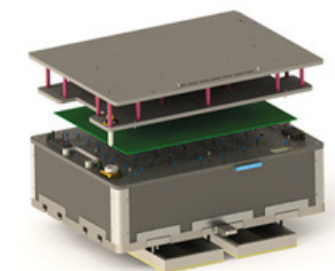
- High resistance iron and aluminum structure to handle +15KN forces
- Automatic electrical adjustable conveyor width (with memories)
- High speed conveyor with programmable speed up to 1000mm/s
- Servomotor controlled compression movement during the test
- Dual Stage testing
- Servomotor programmable testing heights
- Handling time approx. 7s (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

Typical application
Max. PCB size
Min. PCB width
Component top side clearance
Component bottomside clearance
Drive force (nominal)
Recommended/Max test points
Handling time (machine cycle)
Fixture exchange time
Dimensions (length)
Dimensions (width)
Dimensions (height)
Weight
Rackable/Instrumentation space
Interface type
Machine control
Machine communication
Electrical power
Pneumatic requirements
Vacuum required
CE approved
Fixtures



XILS800-MY23	
ICT, ISP, FCT Extra Large PCBs	
Max. PCB size	510x460 mm
Min. PCB width	65 mm
Component top side clearance	100 mm
Component bottomside clearance	50 mm
Drive force (nominal)	15kN
Recommended/Max test points	5120
Handling time (machine cycle)	approx. 7 Sec (*)
Fixture exchange time	<3min
Dimensions (length)	1380 mm
Dimensions (width)	1000 mm
Dimensions (height)	1950 mm
Weight	850kg
Rackable/Instrumentation space	16U 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

(*) This handling time will depend on the speed of the conveyors installed before and after our machine.



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



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A  **Controlar** company

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