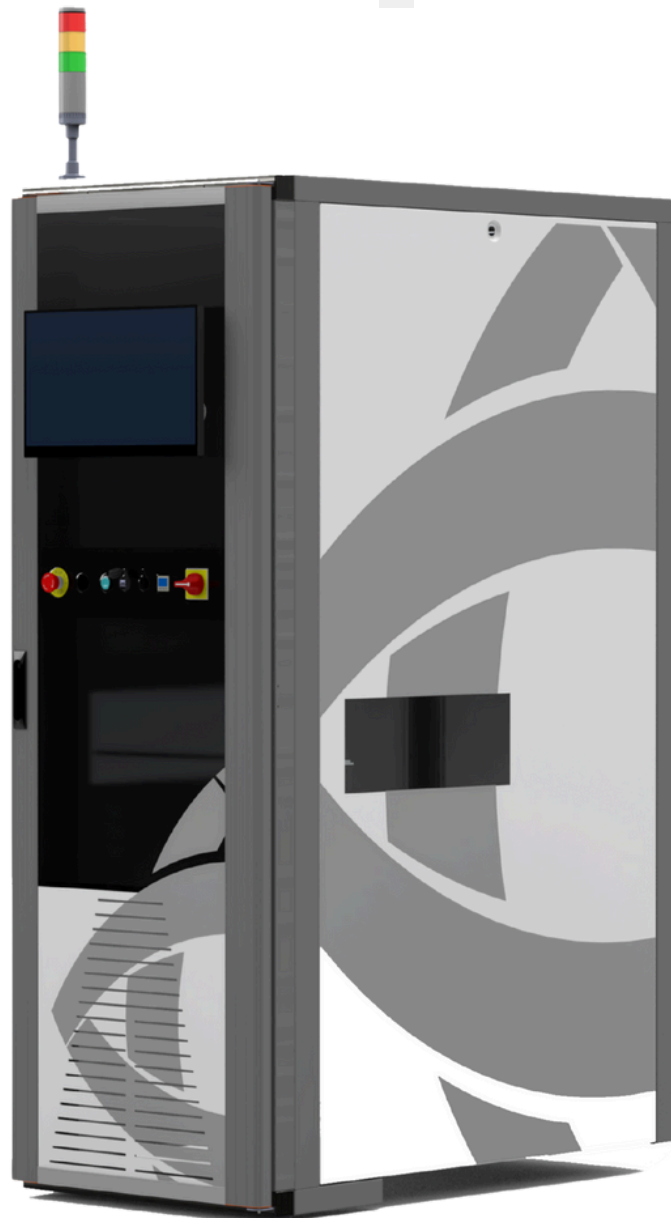




XILS600

FLEXIBLE, VERSITILE AND
MULTIUSE HANDLER



MOD.238IHEND
XILS600



The ideal handling solution when you need multiple stations working in parallel **but in a physical serial layout.**

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. These characteristics make the XILS600 the ideal handler for ISP (Flashing) and FCT (Functional) Applications.

XILS600

Due to the double conveyor system (both @ SMEMA level), this handler can be connected in serial line with other XILS600 handlers thus avoiding the necessity of creating parallel lines in shop-floor when two or more systems are needed to cover the cycle-time necessities.

XILS600 handlers communicate between themselves (with previous XILS600 and next XILS600) avoiding the necessity of additional link-conveyors with bar-code readers and buffering stations...

Line Setup is configurable by software and can be customized case by case during product setup.

Features

- High resistance iron and aluminum structure to handle +3KN forces
- Automatic electrical adjustable conveyor width (with memories)
- Very thin (6mm) conveyor profile
- High speed conveyor with programmable speed up to 1000mm/s
- Main conveyor with Bypass option
- Secondary conveyor @ SMEMA level for Pass-Through function
- 2nd optional stopper allowing the sequential loading of smaller boards (up to 250x460 mm) within the same machine cycle time for parallel panel tests
- 2 fixture sizes to adjust the exact PCB needs
- Servomotor controlled compression movement during the test
- Dual Stage testing Servomotor programmable testing heights
- Handling time approx. 6s (machine cycle time excluding test)
- Fixture coding on both bottom and top plates for product/fixture validation
- 2 Modular pylon blocks for integration of additional instrumentation such as CAN, RF, pneumatic or other specific needs
- 20U rack positions available for instrumentation integration
- 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

	XILS600
Typical application	ICT;ISP-FCT
Max. PCB size	510 x 460 mm
Min. PCB width	75 mm
Component top side clearance	100 mm
Component bottom side clearance	50 mm
Drive force (nominal)	3kN
Recommended/Max test points	1000
Handling time (machinecycle)	approx. 6 Sec (*)
Fixture exchange time	< 3 min
Dimensions (length)	1200 mm
Dimensions (width)	720 mm
Dimensions (height)	2000 mm
Weight	750 kg
Rackeable/Instrumentation space	20U General Purpose
Interface type	Pylon Blocks
Machine control	Beckhoff
Machine communication	Sockets communication
Electrical power	3x380V AC 50 - 60 Hz
Pneumatic requirements	6 bar
Vacuum required	N/A
CE approved	Yes

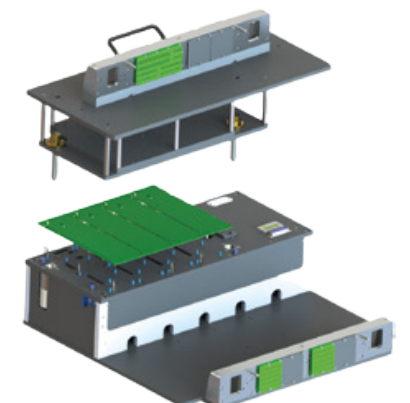
(*) This handling time will depend on the speed of the conveyors installed before and after our machine.

Fixtures

Fixturing developed in accordance with prior **FEA analysis**. **Probe Impact analysis** for fixture validation. **Pallet/Carrier** for checking individual (de-panelized) daughter board.

Turn Key Applications Complete turn key Flashing and Functional Applications including (when applicable)

- Testability (test Coverage) Report Repeatability
- (CGK) - Means Capability Report Repeatability
- (CPK) - Process Capability Report



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



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