RFILS-1000

RADIO FREQUENCY
IN-LINE SYSTEM

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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.

RFILS-1000

Specially designed for High-Frequency Test applications for sectors as diverse as Automotive, Telecommunications, Medical, Aerospace, Networking and Defense.

Covering wireless needs (Wifi, Bluetooth, Radio, Satellite, LAN, Power Metering, RF Test and others).

Due to the double conveyor system (both @ SMEMA level), this handler can be connected in serial line with other XILS 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.

- 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.
- Faraday Cage (Built-In-System) and Conveyor (Built-In-Fixture) integrated to achieve perfect sealing.

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 **Offline Handling Systems**.

Tests

- ISP – In System
- RF Spectrum Analysis
- Power Metering
- Analysis Functional
- ISP & FCT (Under Requirements)

Integrations

- Goepel electronic
- SMH (Flash Runner)
- Rohde & Schwarz
- Keysight
- National Instruments
- Others (Under Requirements)

	RFILS-1000
Typical application	FCT, RF-TEST
Max. PCB size	510x430 mm
Min. PCB width	100 mm
Component top side clearance	100 mm
Component bottom side clearance	35 mm
Drive force (nominal)	10 kN
Recommended/Max test points	3000
Handling time (machine cycle)	Approx. 6 sec
Fixture exchange time	<3 min
Dimensions (length)	1000 mm
Dimensions (width)	1380 mm
Dimensions (height)	1950 mm
Weight	800 kg
Rackeable/Instrumentation space	General purpose RF Instrumentation
Interface type	Pylon Block
Machine control	Beckhoff
Machine communication	Sockets communication
Electrical power	3x380 Vac // 50-60 Hz
Pneumatic requirements	6 bar
CE approved	Yes
Fixtures	

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

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