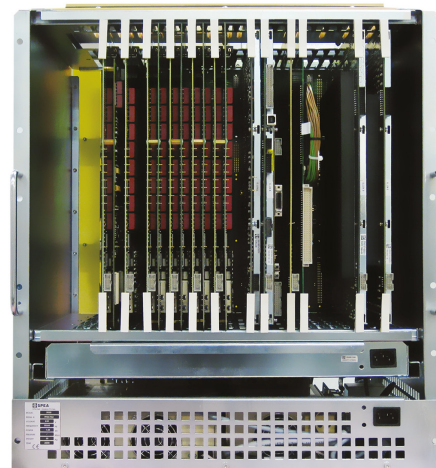


Zero footprint. High throughput

3030R

RACK

ZERO-FOOTPRINT BOARD TESTER



Reduce the footprint to zero with [SPEA 3030R](#) In-Circuit tester.

Designed to be integrated into **third-party systems** or **19" cabinets**, or even used manually in a reduced footprint, **3030R saves industrial floor** and provides a **comprehensive range of test capabilities** to your production equipment, with an unprecedented **throughput**.

High measurement accuracy and **full test coverage** are guaranteed: **3030R** belongs to the **SPEA 3030** series, which means 16-bit instrumentation, **configurability and scalability** according to your needs, and **multiple test techniques** integrated into a **single test station**.

Finally, integration into third-party systems brings **more than just space reduction**: common elements such as mechanics and framework are spared, and **the cost of test is further reduced**.

Zero-Footprint Design

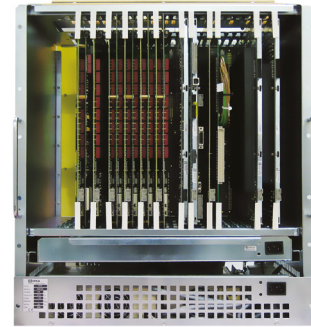
Multi-Function Test Capabilities

PC-independent Architecture

Ready to be integrated in any
production line

3030R

Zero-footprint board tester



Test Capabilities

- In-Circuit Test (Analog, Digital, Mixed)
- Power-On Test
- Functional Test
- Flash Programming
- Open Pin Scan
- Boundary Scan
- Parametric Test
- Built-In Self-Test (BIST)



Zero-Footprint Design: maximise space & resources

3030R provides **multi-function test capabilities** into a new zero-footprint configuration: the tester can be **integrated into 19" cabinets** or inside your production line, freeing up valuable industrial floor space and making it available for other production needs. A crucial benefit for PCB manufacturers that need to **test their production** or to **replace legacy systems**, but do not want to set up additional floor space. **3030R** also **optimizes resources**. Common elements such as mechanics and framework are spared, resulting in **cost savings** and **further test cost reduction**.



3030 Series: top-level performance

Even though it is integrated into third-party systems, **3030R** belongs to **SPEA 3030 Series** and hides inside the same 16-bit **powerful instrumentation**. This means **top-level performance** and **the highest measurement accuracy** into a zero-footprint case. Additionally, the **direct connection** between **3030R** and the system interface guarantees **signal integrity**, avoiding leakage and crosstalk.



PC-independent Architecture

With **SPEA 3030R's** PC-independent Architecture, **the test program resides in the tester's CPU**, which determines the overall test speed. Antivirus and other applications running on the PC do not affect the test speed. Moreover, you can change/update the PC at any moment, **without having to re-debug the test program**.



Easy to use: designed for untrained users

3030R is easy to use. **Leonardo** operating system guides even untrained users to **quickly generate and debug a test program**, without requiring any previous knowledge. **Auto-debug** and **auto-tuning** functions automatically execute all the operations needed to refine the test program, **enhancing measurement stability** while also **reducing the test time**.

Specifications

Channels	19" models: up to 768 analog (384 hybrid) 34" models: up to 2048 analog (1024 hybrid) or up to 2x768 analog (2x384 hybrid) with Dual-Core configuration
AC Power	Extended range 90-240V single phase
Rack Dimensions	19" 15U or 34" 15U
Full Dimensions (L x W x H)	520 x 462 x 640 mm (19" benchtop model)
Operating System	Leonardo OS



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