

# LEONBench-5002

## Aerospace & Defense Test System



### Solution Brief

## Overview

LEONBench-5002 is an Aerospace & Defense test system for a variety of applications such as PCBA, SRU and LRU Testing. The customer manufactures PCBs and complete units for the Aerospace & Defense industry. Many different DUTs can be tested on one test system by changing the test fixture.

The system can measure ultra-low currents and execute high power load test and component testing on one system.

Test systems are suitable for board level testing and end of line testing. Due to high mix production capabilities, the system is very flexible.

## Features & Benefits

- Component testing
- Microcontroller programming
- BSCAN testing
- Ultra-low current measurement
- High power load test
- CAN interface communication
- AC-Source with safety concept
- 12+ test fixtures for different DUTs on one system
- Climatic chamber interface



## Test Challenges

In the challenging environment of SRU and LRU testing, the test system must be very flexible. For example, there are requirements to combine measuring and sourcing ultra-low currents and executing high power load tests on a single system.

The LEONBench-5002 enables the combination of component and ultra-low current measurement capabilities and at the same time high power load tests and AC sourcing of the DUT with a reliable safety concept. This makes it an outstanding solution for next generation ADG testing.

## LEON Test Systems

- Flexible and scalable PXI-based test platform with integrated analogue bus (ABex)
- Optimized signal integrity and fixture interface with high mate cycles to support different product variants
- Highly parallel test for optimized throughput
- High test coverage by combining different test methods on one system



**Learn more about our Leon Test Systems:**

<https://qr-4.de/leon>

**Any questions? Contact us directly:**

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