

# Test & Measurement

With a **broad range of solutions** for test benches and strong engineering expertise, we support our customers with bespoke configurations **adapted to their exact requirements**.



## Solutions for RF Test Benches

Designed for high-performance measurement of Radiofrequency (RF) and microwave components, modules and systems, these solutions deliver the precision and stability required in the most demanding environments. Widely used in Aerospace, Defence, Space and Energy, they cover applications from early-stage R&D to full production validation.

## Typical Systems & Modules for RF Test Benches

On the right-hand side of the page, you will see a representative selection of the equipment and components integrated into our solutions for RF test benches, with configurations tailored to your specific requirements.

## Our Solutions Contain:

### 1. Signal Generation

- Signal Generators
- RF Synthesisers
- Noise Sources
- Oscillators & Clocks

### 2. Signal Transmission / Conditioning

- Attenuators, Splitters, Filters, Couplers, Amplifiers, Phase Shifters
- Switch Matrices, Mesh Networks
- Up & Down Converters
- Cables, Connectors & Adapters

### 3. Measurement / Analysis

- Spectrum & Signal Analysers
- Power Meters & Sensors
- Phase Noise Analysers



# Our Test & Measurement Partners



We work with manufacturers to **integrate advanced RF and Microwave technologies** into your test benches, giving you access to the latest innovations and proven components **for performance, reliability and long-term support.**

**Mini-Circuits** - RF passive and active components for precise signal conditioning, switch matrices and interconnect solutions.

**Microchip** - Phase noise analysers and high-end measurement instruments.

**Flann Microwave** - RF transmission components for high-frequency applications.

**Harogic** - High-precision measurement solutions for demanding environments.

**QuinStar** - Specialised RF signal generators for advanced testing.

**Radiall** - RF and Microwave interconnect solutions, including coaxial connectors, switches and fiber optic components for high-reliability applications.

Our solutions for RF test benches can be delivered in various formats to match your operational requirements:

- **Laboratory bench setups**
- **Rack-mounted systems**
- **Portable solutions for field use**
- **Modular architectures for scalable and reconfigurable testing**

