Test and measurement equipment for production must be reliable, easily adaptable, high-performing and upgradeable. In short: worth your investment. That’s where Rohde & Schwarz comes into play.

You are about to install a new production line for mobile phones or other RF products? You want to extend or improve an existing production line? Then you should take a look at our proven state-of-the-art T&M portfolio. Why? Because our name is synonymous with technological leadership, quality and low total cost of ownership. Our products are designed to cover all production-relevant aspects: maximum throughput, small footprint, flexible configuration and easy adaptation to changing requirements, latest technologies and future-ready platform concepts.

All major wireless standards
- LTE, HSPA+, GSM/EDGE, WiMAX®, CDMA2000®, 1xEV-DO, WLAN, RFID/NFC, GPS/Galileo/Glonass, DVB-T/T2, ATSC, ISDB-T and more

All stages of the manufacturing process
- Module assembly, final production and final testing in high volume, low mix and low volume, high mix environments

All product categories
- RF and microwave signal generators and analyzers, audio analyzers, network analyzers, wireless testers for cellular and non-cellular mobile radio and TV standards, oscilloscopes, power meters, in-circuit testers, customized test systems and more

Where you need it, the way you need it
- The Rohde & Schwarz test and measurement solutions are tailored to the specific requirements of your production line. Whether you need to test printed board assemblies, modules or end products, whether your production line is low volume, high mix or high volume, low mix, in a high volume, low mix environment, you can rely on the Rohde & Schwarz products you need. Our test and measurement solutions are the key to achieving high throughput, flexible adaptation to changing requirements, latest technologies and future-ready platform concepts.

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Rohde & Schwarz test and measurement solutions for electronics manufacturers

Rohde & Schwarz is an independent group of companies specializing in electronic test and measurement equipment, as well as in secure and encrypted communications systems. Rohde & Schwarz products are used in the development, implementation and operation of communication systems, in the defense of manned and unmanned vehicles, in industry and medicine, as well as in aerospace and radio location. Rohde & Schwarz has more than 10,000 employees worldwide. The company is headquartered in Munich, Germany, and has a global sales and service network in more than 70 countries.

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Environmental commitment
- Energy-efficient products
- Continuous improvement in environmental sustainability
- ISO 14001-certified environmental management system
- Certified Quality System
- ISO 9001

Manufacturing processes stages
- Printed board assembly
- Final product
- End product
- Test and repair
- Return back repair
- Final test
- Maintenance

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Manufacturing processes stages
- Printed board assembly
- Module assembly
- Suppliers
- End product
- Final testing
- Customers

Maintenance
- Rework and repair / quality control
- Level of integration
- Testing
- Turnkey service agreements
- Service you can rely on
- Worldwide
- Local and personalized
- Customized and flexible
- Uncompromising quality
- Long-term dependability
Board level, module and final testing

- Measurement tasks
  - Transmitter and receiver testing
  - Signal generation and analysis for electronics products
    - Radar, satellite, wireless
    - Antenna testing as well as RF
    - Multiport and parallel testing
  - Standard-compliant testing of the production

- Recommended products
  - R&S®ZVT vector network analyzer
  - R&S®FSV signal and microwave signal generator
  - R&S®SMB100A RF and microwave analyzer

- Top features
  - Easy on-site upgrading with options
  - Industry-leading speed for maximum
  - Wearfree electronic attenuator up to
  - High output power
  - Compact analog signal source up to 40 GHz
  - Very short setting times for high throughput
  - CW only or vector signal generator model
  - Smallest fully integrated RF signal generator
  - Support of switch matrices
  - Truly parallel measurement for highest
  - Unique measurement capabilities
  - High-speed measurements at up to eight
  - Applicable from RF and protocol tests to
  - Multi-RAT handover test
  - View angle of TV displays in combination
  - Network analyzer, spectrum
  - Interface
  - Fast detection of signal faults due to
  - Excellent measurement accuracy and
  - High detection sensitivity for various
  - Predefined test sequences
  - One tester for all mobile radio and wireless
  - Dynamic range up to 90 dB
  - Compact form factor
  - Centralized signal generation: just one
  - Complete solution including RF test
  - Methods as well as for wireless standards
  - Industry-leading acquisition rate (R&S®RTO)

Maintenance

- Measurement tasks
  - Module and final testing
  - In-time detection of defective
  - Repair of mobile phones
  - Repair of broadcast tuners, module testing
  - Repair of repair and / quality control
  - Manufacturing and repair
  - In-time detection of defective
  - Repair of repair and / quality control
  - Manufacturing and repair
  - In-time detection of defective

- Recommended products
  - R&S®UPP audio analyzer
  - R&S®SFE broadcast tester
  - R&S®CMW500 wideband radio

- Top features
  - Highest accuracy and speed
  - Dynamic range up to 90 dB
  - Easy to operate on large touchscreen
  - Long calibration intervals
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