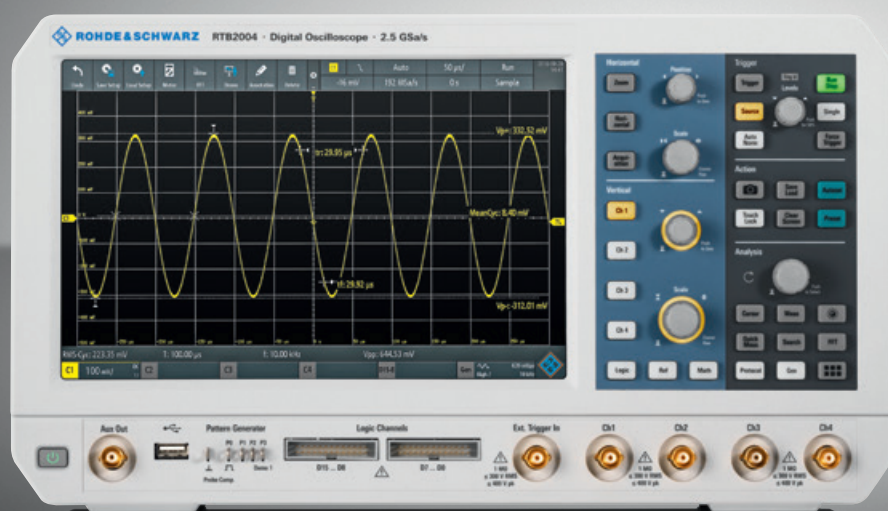


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Preconfigured for you.



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R&S® ESSENTIALS

Order now through August 31, 2021

ROHDE & SCHWARZ

Make ideas real



WIDEST PRODUCT RANGE IN A SINGLE PROMOTION. UP TO 50 % SAVINGS ON MOST POPULAR CONFIGURATIONS.

Proven concept, extended range of product offers

Rohde&Schwarz has transformed customers' expectations of a promotion with the introduction of fully equipped, preconfigured bundles for a single price. A positive customer reaction to that offer convinced us to introduce a new promotion building on that success. It extends the winning principles of a single configuration to an even wider product range than before.

Now customers can benefit from up to 50% off promotional offers across all the typical products present on an engineer's bench: from oscilloscopes, signal & spectrum analyzers, power analyzers and power supplies to vector network analyzers, signal generators, cable & antenna analyzers and power meter. Several of the instruments were recently launched on the market or have not been offered in this promotional configuration before.

Future-proof your investment!

Buying T&M equipment is a long-term investment. Some of the options available for purchase today might not be needed for a current T&M task, but could be required later. Securing a budget for updates can be time-consuming. What if you could just buy an instrument with everything you need now and might need in the future, for just a fraction of its regular price?

Leveraging customer feedback and its industry experience, Rohde&Schwarz has equipped its products to the fullest or compiled its most sought-after configurations for this limited-time offer. Benefit from the following:

- ▶ Options included upfront at point of purchase
- ▶ No need to configure, we take care of this for you
- ▶ Single price for each instrument
- ▶ Maximum bench performance and maximum savings



R&S®RTB2000
300 MHz oscilloscope



R&S®RTM3000
500 MHz oscilloscope



R&S®RTA4004
1 GHz oscilloscope



R&S®FPC1500
3 GHz spectrum analyzer



R&S®ZNL6
6 GHz 3-in-1 vector network analyzer

PROMOTIONAL OFFER AT A GLANCE

Oscilloscopes

- ▶ Performance: bandwidth up to 1 GHz
- ▶ Channels: up to 4 analog/16 digital (MSO)
- ▶ Sample rate: up to 5 Gsample/s
- ▶ Memory: up to 1 Gsample segmented memory
- ▶ Up to 10-bit ADC and 16-bit HD mode

Signal generator

- ▶ Frequency range: 9 kHz to 1.1 GHz or 3.2 GHz
- ▶ Maximum output level of typ. > +17 dBm
- ▶ Optional high-stability reference oscillator
- ▶ Analog modulation modes (AM/FM/φM/pulse) integrated as standard

Vector network analyzers

- ▶ Frequency range from 5 kHz to 6 GHz
- ▶ Two-port vector network analyzer for bidirectional measurements
- ▶ Wide dynamic range of typ. 130 dB
- ▶ Fully integrated spectrum analysis on the R&S®ZNL with R&S®ZNLx-B1 option

Power meter

- ▶ Intuitive operation with touch screen based GUI
- ▶ Supports up to four power sensors
- ▶ Supports all sensor-dependent measurement functions

Spectrum analyzers

- ▶ Frequency range: 5 kHz to 7.5 GHz
- ▶ DANL: -165 dBm (typ.)
- ▶ Phase noise (f = 500 MHz, 100 kHz offset): -105 dBc/Hz (typ.)
- ▶ Intuitive operation
- ▶ Multitouch interface with smartphone-like gesture operation on handheld devices

Power supplies

- ▶ Channel count: up to 4
- ▶ Electrically equivalent channels
- ▶ Max voltage: 4x32 V/channel
- ▶ Max current: 10 A/channel
- ▶ Max power: 384 W

Cable & antenna analyzers

- ▶ Frequency range up to 4 GHz
- ▶ One-port model features: DTF, return loss, VSWR & cable loss measurements, power sensor support
- ▶ Two-port model additionally features spectrum analysis and S21 transmission, as well as interference and modulation analysis
- ▶ Ideal for field use: up to 9-hour battery life, 2.5 kg (5.5 lb)



R&S®NGE100B
100 W power supply



R&S®NGP800
800 W power supply



R&S®SMC100A
3.2 GHz signal generator



R&S®HMC8015
Power analyzer 0.05 % basic accuracy



R&S®FPL1007
7.5 GHz spectrum analyzer

DISCOVER POPULAR INSTRUMENT BUNDLES UNTIL AUGUST 31, 2021

Oscilloscopes

R&S Model	Bandwidth/ channels	Product bundle description		
R&S®RTC1K-COM2	300 MHz/ 2 analog / 8 digital	R&S®RTC1002: AWG, MSO, I²C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN		
R&S®RTB2K-COM4	300 MHz/ 4 analog / 16 digital	R&S®RTB2004: AWG, MSO, I²C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN, frequency response analysis, history and segmented memory		
R&S®RTM3K-54PK	500 MHz/ 4 analog / 16 digital	R&S®RTM3004: AWG, MSO, I²C, SPI, UART/RS-232/RS-422/RS-485, I²S LJ/RJ/TDM, MIL-1553, ARINC 429, CAN/LIN, power analysis, frequency response analysis, history and segmented memory, spectrum analysis		
R&S®RTA4K-COM4	1 GHz/ 4 analog / 16 digital	R&S®RTA4004: AWG, MSO, I²C, SPI, UART/RS-232/RS-422/RS-485, I²S LJ/RJ/TDM, MIL-1553, ARINC 429, CAN/LIN, power analysis, frequency response analysis, history and segmented memory, spectrum analysis		
R&S®RTH1K-COM4	500 MHz/ 4 analog / 8 digital	R&S®RTH1004: MSO, I²C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN, CAN-FD, SENT, spectrum analysis, frequency counter, advanced trigger, harmonic analysis, remote control, history and segmented memory		

Spectrum analyzers

R&S Model	Frequency range	Product bundle description		
R&S®FPC-COM1	5 kHz to 3 GHz	R&S®FPC1000: frequency upgrade; -B22: preamplifier; -K7: modulation analysis; -K43: receiver mode; -K55: advance measurements		
R&S®FPC-COM2	5 kHz to 3 GHz	R&S®FPC1500: frequency upgrade; -B22: preamplifier; -K7: modulation analysis; -K42: vector network analysis; -K43: receiver mode; -K55: advanced measurements		
R&S®FPL1003-P6	5 kHz to 3 GHz	R&S®FPL1003 base unit; -B4: OCXO freq. reference; -B5: additional interfaces; -B9: Internal generator; -B10: GPIB interface; -B22: RF preamplifier; -B25: 1 dB step attenuator; -K7: anal. modulation analysis; -K54: EMI meas. application		
R&S®FPL1007-P6	5 kHz to 7.5 GHz	R&S®FPL1007 base unit; -B4: OCXO freq. reference; -B5: additional interfaces; -B9 internal generator; -B10: GPIB interface; -B22: RF preamplifier; -B25: 1 dB step attenuator; -K7: anal. modulation analysis; -K54: EMI meas. application		

Signal generator

R&S Model	Frequency range	Product bundle description		
R&S®SMC100AP31	9 kHz to 1.1 / 3.2 GHz	R&S®SMC100A base unit; -B103: 9kHz - 3.2GHz; -B1: reference oscillator		

Power supplies

R&S Model	Output channels	Product bundle description		
R&S®HMP4040	4	R&S®HMP4040 base unit		
R&S®NGE-COM3a	3	R&S®NGE103B: -K101: Ethernet remote control; -K102: Wireless LAN remote control; -K103: digital trigger I/O		
R&S®NGL-COM2a	2	R&S®NGL202: -K102: Wireless LAN remote control; -K103: digital trigger I/O		
R&S®NGM-COM2a	2	R&S®NGM202: -K102: Wireless LAN remote control; -K103: digital trigger I/O; -K104: digital voltmeter functionality; K106: battery simulation		
R&S®NGP824COMa	4	R&S®NGP824: 64V/10A; -K102: Wireless LAN remote control; -K103: digital trigger I/O; -K107: analog input		

Power analyzer

R&S Model	Frequency range	Basic accuracy	Product bundle description		
R&S®HMC8015COM	50 μ W up to 12 kW	0,05%	R&S®HMC8015 base unit; -HOC151: advanced analysis; -HOC152: advanced I/O; -HOC153: compliance test		

Vector network analyzers

R&S Model	Frequency range	Product bundle description		
R&S®ZNL6-COM	5 kHz to 6 GHz	R&S®ZNL6 base unit; -B1: spectrum analysis; -B22: extended power range R&S®ZN-Z135 calibration kit; total of 4 years warranty		
R&S®ZNL3-COM	5 kHz to 3 GHz	R&S®ZNL3 base unit; -B1: spectrum analysis; -B22: extended power range R&S®ZN-Z135 calibration kit; total of 4 years warranty		
R&S®ZNLE6-COM	5 kHz to 6 GHz	R&S®ZNLE6 base unit; -B100: extended frequency range; R&S®ZN-Z135 calibration kit; total of 4 years warranty		

Cable & antenna analyzers

R&S Model	Frequency range	Product bundle description		
R&S®ZPH-COM1	2 MHz to 4 GHz	R&S®ZPH base unit; frequency upgrade, -B10: GPS support; -K9: power sensor support; -K19: channel power meter; -K29: pulse measurements with power sensor		
R&S®ZPH-COM2	2 MHz to 4 GHz	R&S®ZPH combi analyzer; frequency upgrade, -B22: spectrum analyzer preamplifier; -K1: spectrum analysis measurement application; -K15: interference analysis; -K16: signal strength mapping measurement application; -K7: modulation analysis; -K9: power sensor support; -K19: channel power meter; -K29: pulse measurements with power sensor		

Power meter

R&S Model	Product bundle description		
R&S®NRX-COM4	R&S®NRX base unit; -K2: 2nd measurement channel; -K4: 3. and 4. NRP sens. conn.; -B1: sensor check source		

Service that adds value

- ▶ Worldwide
- ▶ Local und personalized
- ▶ Customized and flexible
- ▶ Uncompromising quality
- ▶ Long-term dependability

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Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in the following business fields: test and measurement, broadcast and media, secure communications, cybersecurity, monitoring and network testing. Founded more than 80 years ago, the independent company which is headquartered in Munich, Germany, has an extensive sales and service network with locations in more than 70 countries.

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Sustainable product design

- ▮ Environmental compatibility and eco-footprint
- ▮ Energy efficiency and low emissions
- ▮ Longevity and optimized total cost of ownership

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ISO 9001

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ISO 14001

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