

R&S Essentials Promotion

# FULL BENCH. HIGH VALUE.

**Up to 50% off** our signature instrument bundles.  
Preconfigured for you.

Widest variety  
of fully equipped  
products up to  
**50% off**

Order now through  
March 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 in 2019 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  
**41 % discount**



**R&S®RTM3000**  
500 MHz oscilloscope  
**47 % discount**



**R&S®RTA4004**  
1 GHz oscilloscope  
**52 % discount**



**R&S®RTE1000**  
2 GHz oscilloscope  
**49 % discount**



**R&S®FPC1500**  
3 GHz spectrum analyzer  
**41 % discount**



**R&S®ZNL6**  
6 GHz 3-in-1 vector network analyzer  
**15 % discount**

# PROMOTIONAL OFFER AT A GLANCE

## Oscilloscopes

- Performance: bandwidth up to 2 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  
**24 % discount**



**R&S®NGP800**  
800 W power supply  
**12 % discount**



**R&S®Spectrum Rider FPH**  
4 GHz handheld spectrum analyzer  
**48 % discount**



**R&S®SMC100A**  
3.2 GHz signal generator  
**10 % discount**



**R&S®HMC8015**  
Power analyzer 0.05 % basic accuracy  
**34 % discount**



**R&S®FPL1007**  
7.5 GHz spectrum analyzer  
**15 % discount**

# DISCOVER POPULAR INSTRUMENT BUNDLES UNTIL MARCH 31, 2021

## Oscilloscopes

R&S Model	Bandwidth/ channels	Product bundle description	List price Europe	Discount
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	EUR 2,540 EUR 1,390	45 %
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	EUR 5,735 EUR 3,390	41 %
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	EUR 14,220 EUR 7,490	47 %
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	EUR 20,950 EUR 9,990	52 %
R&S®RTE-COM4	2 GHz/ 4 analog / 16 digital	R&S®RTE1204: MSO, I²C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN, CAN-FD, CXPI, Flex-Ray, SENT, I²S, MIL-1553, ARINC 429, Space Wire, MIPI RFFE, Custom de-code, MDIO, USB1.0/1.1/2.0/HSIC, power analysis, spectrum analysis, Ethernet 100 BASE-T1, bus measurements	EUR 31,970 EUR 17,740	49 %
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	EUR 11,270 EUR 7,390	34 %

## Spectrum analyzers

R&S Model	Frequency range	Product bundle description	List price Europe	Discount
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	EUR 5,230 EUR 3,050	46 %
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	EUR 6,880 EUR 4,400	41 %
R&S®FPH-COM1	5 kHz to 4 GHz	R&S®FPH base unit: frequency upgrade; -B22: spectrum analyzer preamplifier; -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; -K43: receiver mode & channel scanner measurement application	EUR 11,480 EUR 5,990	48 %
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	EUR 19,825 EUR 16,852	15 %
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	EUR 23,930 EUR 20,340	15 %

## Signal generator

R&S Model	Frequency range	Product bundle description	List price Europe	Discount
R&S®SMC100AP31	9 kHz to 1.1 / 3.2 GHz	R&S®SMC100A base unit; -B103: 9kHz - 3.2GHz; -B1: reference oscillator	EUR 7,950 EUR 7,155	10 %

## Power supplies

R&S Model	Output channels	Product bundle description	List price Europe	Discount
R&S®HMP4040	4	R&S®HMP4040 base unit	EUR 2,150 EUR 1,995	7 %
R&S®NGE-COM3a	3	R&S®NGE103B: -K101: Ethernet remote control; -K102: Wireless LAN remote control; -K103: digital trigger I/O	EUR 1,315 EUR 995	24 %
R&S®NGL-COM2a	2	R&S®NGL202: -K102: Wireless LAN remote control; -K103: digital trigger I/O	EUR 3,480 EUR 2,995	14 %
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	EUR 6,350 EUR 5,650	11 %
R&S®NGP824COMa	4	R&S®NGP824: 64V/10A; -K102: Wireless LAN remote control; -K103: digital trigger I/O; -K107: analog input	EUR 4,770 EUR 4,195	12 %

## Power analyzer

R&S Model	Frequency range	Basic accuracy	Product bundle description	List price Europe	Discount
R&S®HMC8015COM	50 µW up to 12 kW	0,05%	R&S®HMC8015 base unit; -HOC151: advanced analysis; -HOC152: advanced I/O; -HOC153: compliance test	EUR 3,035 EUR 1,995	34 %

## Vector network analyzers

R&S Model	Frequency range	Product bundle description	List price Europe	Discount
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	EUR 31,076 EUR 26,415	15 %
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	EUR 26,137 EUR 22,215	15 %
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	EUR 16,789 EUR 15,110	10 %
R&S®ZNLE3-COM	5 kHz to 3 GHz	R&S®ZNLE3 base unit; -B100: extended frequency range; R&S®ZN-Z135 calibration kit; total of 4 years warranty	EUR 12,599 EUR 11,970	5 %

## Cable & antenna analyzers

R&S Model	Frequency range	Product bundle description	List price Europe	Discount
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	EUR 6,515 EUR 3,390	48 %
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	EUR 13,460 EUR 6,990	48 %

## Power meter

R&S Model	Product bundle description	List price Europe	Discount
R&S®NRX-COM4	R&S®NRX base unit; -K2: 2nd measurement channel; -K4: 3. and 4. NRP sens. conn.; -B1: sensor check source	EUR 8,710 EUR 7,850	10 %

### Service that adds value

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

You can find all of these promotional offers  
at our authorized distributors in your country.

**Rohde & Schwarz representative**

### 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.

[www.rohde-schwarz.com](http://www.rohde-schwarz.com)

### Sustainable product design

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

Certified Quality Management  
**ISO 9001**

Certified Environmental Management  
**ISO 14001**

### Rohde & Schwarz training

[www.training.rohde-schwarz.com](http://www.training.rohde-schwarz.com)

### Rohde & Schwarz customer support

[www.rohde-schwarz.com/support](http://www.rohde-schwarz.com/support)



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