

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 31st 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 this 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.

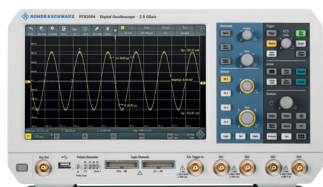
Now customers can benefit from up to 50% off promotional offers across all the typical products present on an engineer's bench: from the oscilloscopes, signal & spectrum analyzers, power analyzer and power supplies to vector network analyzers, signal generators, cable & antenna analyzers and power meters.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

Future-proof your investment!

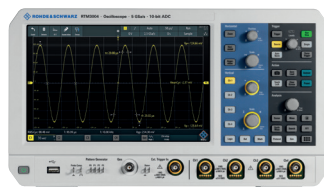
Buying T&M equipment is a long-term investment. Some of the options available for purchase today might not be needed for a current T&M task, but could be required later. Securing a budget for updates can be time-consuming. What if you could just buy an instrument with everything you need now and might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

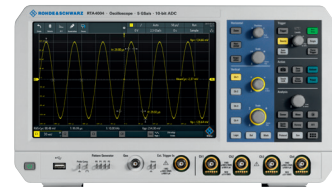
- ▶ Options included upfront at point of purchase
- ▶ No need to configure, it is taken care of for you
- ▶ Single price for each instrument
- ▶ Maximum bench performance and maximum savings



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 ZNL with 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
- ▶ Multi-touch 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 analyzer

- ▶ 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



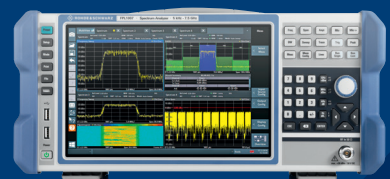
R&S®Spectrum Rider FPH
4 GHz Handheld spectrum analyzer
48% discount



R&S®SMC100A
3.2 GHz Signal generator
10% discount



HMC8015
Power analyzer 0,05% basic accuracy
34% discount



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	RTC1002: AWG, MSO, I²C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN	€2,540 € 1,390	45 %
R&S®RTB2K-COM4	300MHz/ 4 analog / 16 digital	RTB2004: AWG, MSO, I²C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN, frequency response analysis, history and segmented memory	€5,735 € 3,390	41 %
R&S®RTM3K-54PK	500 MHz/ 4 analog / 16 digital	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	€14,220 € 7,490	47 %
R&S®RTA4K-COM4	1 GHz/ 4 analog / 16 digital	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	€20,950 € 9,990	52 %
R&S®RTE-COM4	2 GHz/ 4 analog / 16 digital	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 decode, MDIO, USB1.0/1.1/2.0/HSIC, power analysis, spectrum analysis, Ethernet 100 BASE-T1, bus measurements	€31,970 € 17,740	49 %
R&S®RTH1K-COM4	500 MHz/ 4 analog / 8 digital	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	€11,270 € 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	FPC1000: frequency upgrade, B22: Preamplifier; modulation analysis; K43: Receiver mode; K55: Advanced measurements	5.230€ 3.050 €	46 %
R&S®FPC-COM2	5 kHz to 3 GHz	FPC1500: frequency upgrade, B22: Preamplifier; K7: Modulation analysis; K42: Vector Network Analysis; K43: Receiver mode; K55: Advanced measurements	6.880€ 4.400 €	41 %
R&S®FPH-COM1	5 kHz to 4 GHz	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	11.480€ 5.990 €	48 %
R&S®FPL1003-P6	5 kHz to 3 GHz	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	19.825€ 16.852 €	15 %
R&S®FPL1007-P6	5 kHz to 7,5 GHz	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	23.930€ 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	SMC100A basic unit; B103: 9kHz - 3.2GHz; B1: reference oscillator	7.950€ 7.155 €	10 %

Power supplies

R&S Model	Output channels	Product bundle description	List price Europe	Discount
R&S®HMP4040	4	HMP4040 base unit	2.150 € 1.995 €	7 %
R&S®NGE-COM3a	3	NGE103B; K101: Ethernet remote control; K102: Wireless LAN remote control; K103: digital trigger I/O	1.315 € 995 €	24 %
R&S®NGL-COM2a	2	NGL202; K102: Wireless LAN remote control; K103: digital trigger I/O	3.480 € 2.995 €	14 %
R&S®NGM-COM2a	2	NGM202; K102: Wireless LAN remote control; K103: digital trigger I/O; K104: digital voltmeter functionality; K106: battery simulation	6.350 € 5.650 €	11 %
R&S®NGP824COMa	4	NGP824: 64V/10A; K102: Wireless LAN remote control; K103: digital trigger I/O; K107: analog input	4.770 € 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%	HMC8015 base unit; HOC151: advanced analysis; HOC152: advanced I/O; HOC153: compliance test	3.035 € 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	ZNL6 base unit; B1; B22; ZN-Z135 calibration kit; total of 4 years warranty	31.076 € 26.415 €	15 %
R&S®ZNL3-COM	5 kHz to 3 GHz	ZNL3 base unit; B1; B22; ZN-Z135 calibration kit; total of 4 years warranty	26.137 € 22.215 €	15 %
R&S®ZNL6-COM	5 kHz to 6 GHz	ZNLE6 base unit; B100; ZN-Z135 calibration kit; total of 4 years warranty	16.789 € 15.110 €	10 %
R&S®ZNL3-COM	5 kHz to 3 GHz	ZNLE3 base unit; B100; ZN-Z135 calibration kit; total of 4 years warranty	12.599 € 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	ZPH base unit; frequency upgrade, B10: GPS Support; K9: Power Sensor Support; K19: Channel Power Meter; K29: Pulse Measurements with Power Sensor	6.515 € 3.390 €	48 %
R&S®ZPH-COM2	2 MHz to 4 GHz	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	13.460 € 6.990 €	48 %

Power meter

R&S Model	Product bundle description	List price Europe	Discount
R&S®NRX-COM4	NRX base unit; K2: 2nd Measurement Channel; K4: 3. and 4. NRP sens. conn.; B1: Sensor Check Source	8.710 € 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

Thurlby Thandar Instrument Distribution
Glebe Road, Huntingdon, PE29 7DR, UK
+44 (0)1480 412 451
sales@ttid.co.uk
www.ttid.co.uk



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

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

Rohde & Schwarz customer support

www.rohde-schwarz.com/support



R&S® is a registered trademark of Rohde & Schwarz GmbH & Co. KG
Trade names are trademarks of the owners
PD 3609.2381.32 | Version 04.00 | July 2020
Full bench. High value.
Data without tolerance limits is not binding | Subject to change
© 2019 Rohde & Schwarz GmbH & Co. KG | 81671 Munich, Germany