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ROHDE & SCHWARZ

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OVER 50% OFF OUR MOST POPULAR INSTRUMENT CONFIGURATIONS

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Customers receive over 50% off the most popular instruments on an engineer's bench including oscilloscopes, signal and spectrum analyzers, power supplies, vector network analyzers, signal generators, cable & antenna analyzers, power meters, and a power analyzer. 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. Now you can buy fully-loaded instruments to cover your design needs today and tomorrow.

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:

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- ▶ Single price for each instrument
- ▶ Maximum bench performance and maximum savings



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500 MHz Oscilloscope
47% discount



R&S®RTA4004
1 GHz Oscilloscope
57% discount



R&S®RTE1000
2 GHz Oscilloscope
49% discount



R&S®FPC1500
3 GHz Spectrum analyzer
46% discount



R&S®ZNL6
6 GHz 3-in-1 Vector network analyzer
10% 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

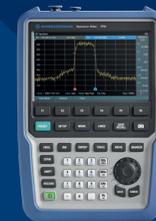
- ▶ Frequency range up to 4 GHz
- ▶ One-port model features: DTF, return loss, VSWR & cable loss measurements, power sensor support
- ▶ Two-port model additionally features spectrum analysis and S21 transmission, as well as interference and modulation analysis
- ▶ Ideal for field use: up to 9-hour battery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



R&S®NGE100B
100 W Power supply
24% discount



R&S®NGP800
800 W Power supply
6% discount



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



R&S®SMC100A
3.2 GHz Signal generator
9% discount



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



FPL1007
7,5 GHz Spectrum analyzer
15% discount

POPULAR INSTRUMENT BUNDLES UNTIL MARCH 31, 2021

Oscilloscopes

R&S Model	Bandwidth/ Channels	Product bundle description	List price US	Discount
R&S®RTC1K-COM2	300MHz, 2 analog / 8 digital	RTC1002: AWG, MSO, I ² C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN	\$ 2,925 \$ 1,490	49%
R&S®RTB2K-COM4	300MHz, 4 analog / 16 digital	RTB2004: AWG, MSO, I ² C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN, frequency response analysis, history and segmented memory	\$ 6,495 \$ 3,990	38%
R&S®RTM-54PKUS	500 MHz, 4 analog / 16 digital	RTM3004: AWG, MSO, I ² C, SPI, UART/RS-232/RS-422/RS-485, I ² S LJ/RJ/TDM, MIL-1553, ARINC 429, CAN/LIN, power analysis, frequency response analysis, history and segmented memory, spectrum analysis	\$ 16,015 \$ 8,490	47%
R&S®RTA-COM4US	1GHz, 4 analog / 16 digital	RTA4004: AWG, MSO, I ² C, SPI, UART/RS-232/RS-422/RS-485, I ² S LJ/RJ/TDM, MIL-1553, ARINC 429, CAN/LIN, power analysis, frequency response analysis, history and segmented memory, spectrum analysis	\$ 23,530 \$ 9,999	57%
R&S®RTE-COM4	2GHz, 4 analog / 16 digital	RTE1204: MSO, I ² C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN, CAN-FD, CXPI, Flex-Ray, SENT, I ² S, 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	\$ 38,530 \$ 19,650	49%
R&S®RTH-COM4US	500MHz, 4 analog / 8 digital	RTH1004: MSO, I ² C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN, CAN-FD, SENT, spectrum analysis, frequency counter, advanced trigger, harmonic analysis, Wireless LAN, remote control, history and segmented memory	\$ 12,880 \$ 8,500	34%

Spectrum analyzers

R&S Model	Frequency range	Product bundle description	List price US	Discount
R&S®FPC-COM1	5 kHz to 3 GHz	FPC1000: frequency upgrade, B22: Preamplifier; modulation analysis; K43: Receiver mode; K55: Advanced measurements	\$ 6,440 \$ 3,500	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	\$ 8,475 \$ 5,000	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	\$ 14,425 \$ 7,500	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	\$ 24,575 \$ 20,890	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	\$ 29,670 \$ 25,220	15%

Signal generator

R&S Model	Frequency range	Product bundle description	List price US	Discount
R&S®SMC100AP31	9 kHz to 1.1 / 3.2 GHz	SMC100A basic unit; B103: 9kHz - 3.2GHz; B1: reference oscillator	\$ 9,190 \$ 8,370	9%

Power supplies

R&S Model	Output channels	Product bundle description	List price US	Discount
R&S®HMP4040	4	HMP4040 base unit	\$ 2,700 \$ 2,495	7%
R&S®NGE-COM3a	3	NGE103B: K101: Ethernet remote control; K102: Wireless LAN remote control; K103: digital trigger I/O	\$ 1,640 \$ 1,245	24%
R&S®NGL-COM2a	2	NGL202: K102: Wireless LAN remote control; K103: digital trigger I/O	\$ 4,355 \$ 3,745	14%
R&S®NGM-COM2a	2	NGM202: K102: Wireless LAN remote control; K103: digital trigger I/O; K104: digital voltmeter functionality; K106: battery simulation	\$ 7,915 \$ 7,065	11%
R&S®NGP824COMa	4	NGP824: 64V/10A; K102: Wireless LAN remote control; K103: digital trigger I/O; K107: analog input	\$ 5,575 \$ 5,245	6%

Power analyzer

R&S Model	Frequency range	Basic accuracy	Product bundle description	List price US	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	\$ 3,785 \$ 2,495	34%

Vector network analyzers

R&S Model	Frequency range	Product bundle description	List price US	Discount
R&S®ZNL6-COM	5 kHz to 6 GHz	ZNL6 base unit; B1; B22; ZN-Z135 calibration kit; total of 4 years warranty	\$ 38,845 \$ 33,020	15%
R&S®ZNL3-COM	5 kHz to 3 GHz	ZNL3 base unit; B1; B22; ZN-Z135 calibration kit; total of 4 years warranty	\$ 32,670 \$ 27,770	15%
R&S®ZNL6-COM	5 kHz to 6 GHz	ZNLE6 base unit; B100; ZN-Z135 calibration kit; total of 4 years warranty	\$ 20,980 \$ 18,885	10%
R&S®ZNL3-COM	5 kHz to 3 GHz	ZNLE3 base unit; B100; ZN-Z135 calibration kit; total of 4 years warranty	\$ 15,745 \$ 14,960	5%

Cable & antenna analyzers

R&S Model	Frequency range	Product bundle description	List price US	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	\$ 8,175 \$ 4,250	48%
R&S®ZPH-COM2	2 MHz to 4 GHz	ZPH Combi Analyzer; frequency Upgrade, B22: Spectrum Analyzer Pre-amplifier; 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	\$ 16,840 \$ 8,755	48%

Power meter

R&S Model	Product bundle description	List price US	Discount
R&S®NRX-COM4	NRX base unit; K2: 2nd Measurement Channel; K4: 3. and 4. NRP sens. conn.; B1: Sensor Check Source	\$ 10,375 \$ 9,340	10%

TERMS AND CONDITIONS. This offer is good for qualifying orders placed October 1, 2020 – March 31, 2021. This offer is combinable with the Education discount. Rohde & Schwarz reserves the right to cancel this program at any time by posting changes on rohde-schwarz.com. Offer valid worldwide. Contact a Rohde & Schwarz representative for complete details. All other promotions and discounts cannot be combined. Full list of terms and conditions can be viewed at <http://www.rohde-schwarz.com/us/complete-promotion>.

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