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# TODAY'S SOLUTION FOR TOMORROW'S CHALLENGE

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# PROMOTIONAL OFFER AT A GLANCE

Save up to 49% on the most popular configurations of T&M instrument configurations from Rohde&Schwarz. This promotional offer includes all essential instruments found on an engineer's workbench: oscilloscopes, DC power supplies, spectrum and antenna analyzers, signal generators, LCR meters and source measure units (SMU).

Rohde&Schwarz has carefully chosen the optimal configurations so that our customers will not need to invest in future upgrades to meet tomorrow's test and measurement challenges.

We offer:

- ▶ Options included upfront at point of purchase
- ▶ No configuration necessary – we take care of it
- ▶ Single price for each instrument, no upgrades needed
- ▶ Maximum bench performance and maximum savings

**Offer valid until March 31, 2025**

### Oscilloscopes up to 49% off

- ▶ Up to 2 GHz bandwidth
- ▶ Up to 4.5 million waveforms/s real-time update rate
- ▶ Up to 5 Gsample/s sample rate
- ▶ 400 Mpoints (MXO 4), 500 Mpoints (MXO 5) per channel standard memory
- ▶ 12-bit ADC at all sample rates



### DC power supplies up to 19% off

- ▶ Up to 4 channels
- ▶ Up to 800 W maximum output power
- ▶ Electrically equivalent channels
- ▶ Max. voltage: 2 × 100 V/channel
- ▶ Max. current: 4 × 10 A/channel or 40 A in total



### Spectrum analyzers up to 40% off

- ▶ Frequency range: 5 kHz to 26.5 GHz
- ▶ DANL: typ. -163 dBm
- ▶ Phase noise: typ. -108 dBc (1 Hz)
- ▶ Intuitive operation
- ▶ Small test bench footprint



### Source measure unit 14% off

- ▶ Two quadrants: operate as source and sink
- ▶ High-speed data acquisition
- ▶ Voltage priority and current priority mode
- ▶ High-capacitance mode
- ▶ Fast load regulation
- ▶ Battery simulation



### Vector signal generator 13% off

- ▶ Frequency range: 8 kHz to 3 GHz
- ▶ Max. output level of typ. > +25 dBm
- ▶ Full software option defined vector signal generator with 5" touchscreen
- ▶ Modulation bandwidth up to 240 MHz



### LCR meter 10% off

- ▶ Max. test frequency: up to 10 MHz
- ▶ Max. bias voltage: up to 40 V
- ▶ Sweep and binning measurement functions
- ▶ Basic accuracy of ±0.05%



# UP TO 49 % SAVINGS ON THE CONFIGURATIONS

## Oscilloscopes

Model	Bandwidth, channels	Product bundle description	List price Europe	Discount
R&S®RTC-BNDL	300 MHz, 2 analog channels	R&S®RTC1002: ARB generator, trigger and decode (I <sup>2</sup> C/SPI/UART/RS-232/CAN/LIN)	EUR 2,620 EUR 1,740	34 %
R&S®RTB-BNDL	300 MHz, 4 analog channels	R&S®RTB2004: ARB generator, trigger and decode (I <sup>2</sup> C/SPI/UART/RS-232/CAN/LIN), history and segment memory, frequency response analysis (Bode plot)	EUR 6,400 EUR 3,700	42 %
R&S®RTM-BNDL	500 MHz, 4 analog channels	R&S®RTM3004: ARB generator, trigger and decode (I <sup>2</sup> C/SPI/UART/RS-232/CAN/LIN/I <sup>2</sup> S/MIL-STD-1553/ARINC 429), history and segmented memory, power analysis, frequency response analysis (Bode plot), spectrum analysis and spectrogram	EUR 17,970 EUR 9,490	47 %
R&S®RTA-BNDL	1 GHz, 4 analog channels	R&S®RTA4004: ARB generator, trigger and decode (I <sup>2</sup> C/SPI/UART/RS-232/CAN/LIN/I <sup>2</sup> S/MIL-STD-1553/ARINC 429), history and segmented memory, power analysis, frequency response analysis (Bode plot), spectrum analysis and spectrogram	EUR 22,790 EUR 12,490	45 %
R&S®MX044-BASC	200 MHz, 4 analog channels	MXO 44: ARB generator	EUR 10,160 EUR 8,600	15 %
R&S®MX044-PRO	500 MHz, 4 analog channels	MXO 44: low speed serial buses (I <sup>2</sup> C/SPI/QuadSPI/UART/RS-232/RS-422/RS-485), automotive protocols (CAN/CAN FD/CAN XL/LIN), automotive Ethernet bus (10BASE-T1S), power analysis, frequency response analysis, MIPI low speed protocols, ARB generator	EUR 34,600 EUR 19,500	44 %
R&S®MX044-ULTM	1.5 GHz, 4 analog channels	MXO 44: low speed serial buses (I <sup>2</sup> C/SPI/QuadSPI/UART/RS-232/RS-422/RS-485), automotive protocols (CAN/CAN FD/CAN XL/LIN), automotive Ethernet bus (10BASE-T1S), power analysis, frequency response analysis, MIPI low speed protocols, ARB generator, mixed signal option (MSO), memory option 800 Mpoints	EUR 48,400 EUR 24,900	49 %
R&S®MX054-BASC	350 MHz, 4 analog channels	MXO 54: ARB generator	EUR 18,570 EUR 16,500	11 %
R&S®MX054-PRO	500 MHz, 4 analog channels	MXO 54: low speed serial buses (I <sup>2</sup> C/SPI/QuadSPI/UART/RS-232/RS-422/RS-485), automotive protocols (CAN/CAN FD/CAN XL/LIN), automotive Ethernet buses (10BASE-T1S, 100BASE-T1), power analysis, frequency response analysis, MIPI low speed protocols, ARB generator	EUR 41,370 EUR 24,000	42 %
R&S®MX054-ULTM	2 GHz, 4 analog channels	MXO 54: low speed serial buses (I <sup>2</sup> C/SPI/QuadSPI/UART/RS-232/RS-422/RS-485), automotive protocols (CAN/CAN FD/CAN XL/LIN), automotive Ethernet buses (10BASE-T1S, 100BASE-T1), power analysis, frequency response analysis, MIPI low speed protocols, ARB generator, mixed signal option (MSO), memory option 1 Gpoint	EUR 56,270 EUR 29,900	47 %
R&S®MX058-BASC	100 MHz, 8 analog channels	MXO 58: ARB generator	EUR 20,900 EUR 19,200	8 %
R&S®MX058-PRO	500 MHz, 8 analog channels	MXO 58: low speed serial buses (I <sup>2</sup> C/SPI/QuadSPI/UART/RS-232/RS-422/RS-485), automotive protocols (CAN/CAN FD/CAN XL/LIN), automotive Ethernet buses (10BASE-T1S, 100BASE-T1), power analysis, frequency response analysis, MIPI low speed protocols, ARB generator	EUR 55,370 EUR 35,500	36 %
R&S®MX058-ULTM	2 GHz, 8 analog channels	MXO 58: low speed serial buses (I <sup>2</sup> C/SPI/QuadSPI/UART/RS-232/RS-422/RS-485), automotive protocols (CAN/CAN FD/CAN XL/LIN), automotive Ethernet buses (10BASE-T1S, 100BASE-T1), power analysis, frequency response analysis, MIPI low speed protocols, ARB generator, mixed signal option (MSO), memory option 1 Gpoint	EUR 75,770 EUR 44,900	41 %

## DC power supplies

Model	Output channels	Maximum output power	Product bundle description	List price Europe	Discount
R&S®NGE-COM3B	3	100 W	R&S®NGE103B: Ethernet remote control, digital trigger I/O	EUR 1,460 EUR 1,180	19 %
R&S®NGM-COM2B	2	120 W	R&S®NGM202: digital trigger I/O, digital voltmeter functionality, battery simulation	EUR 7,400 EUR 6,530	12 %
R&S®NGP824-COMB	4	800 W	R&S®NGP824: digital trigger I/O, analog input	EUR 5,700 EUR 5,110	10 %
R&S®NGA142-COMB	2	80 W	R&S®NGA142: digital trigger I/O	EUR 1,935 EUR 1,750	10 %
R&S®HMP4040-COM	4	384 W	R&S®HMP4040: dual interface (USB/Ethernet)	EUR 3,115 EUR 2,780	11 %
R&S®NGL-COM2B	2	120 W	R&S®NGL200: digital trigger I/O	EUR 3,920 EUR 3,480	11 %

## Handheld analyzers

Model	Frequency range	Product bundle description	List price Europe	Discount
R&S®FPH-COM1	5 kHz to 3 GHz	R&S®FPH: preamplifier, modulation analysis, power sensor support, channel power meter, pulse measurement with sensor, interference analysis, receiver mode	EUR 13,955 EUR 8,370	40%
R&S®FPH-INH4	5 kHz to 4 GHz	R&S®FPH: preamplifier, interference analysis, maps	EUR 9,730 EUR 7,300	25%
R&S®FPH-INH8	5 kHz to 8 GHz	R&S®FPH: preamplifier, interference analysis, maps	EUR 13,090 EUR 9,820	25%
R&S®ZPH-COM1	2 MHz to 4 GHz	R&S®ZPH: GPS support, power sensor support, channel power meter, pulse measurements with power sensor	EUR 7,840 EUR 4,710	40%
R&S®ZPH-COM2	2 MHz to 4 GHz	R&S®ZPH: preamplifier, spectrum analysis, interference analysis, signal strength mapping, modulation analysis, power sensor support, channel power meter, pulse measurements with power sensor	EUR 16,225 EUR 9,740	40%

## Spectrum analyzers

Model	Frequency range	Product bundle description	List price Europe	Discount
R&S®FPC-COM1	5 kHz to 3 GHz	R&S®FPC1000: preamplifier, modulation analysis, receiver mode, advanced measurements	EUR 6,245 EUR 3,750	40%
R&S®FPC-COM2	5 kHz to 3 GHz	R&S®FPC1500: preamplifier, modulation analysis, vector network analysis, receiver mode, advanced measurements	EUR 8,210 EUR 4,930	40%
R&S®FPL-EMI3	5 kHz to 3 GHz	R&S®FPL1003: additional interfaces, internal generator, RF preamplifier, EMI measurement application	EUR 18,225 EUR 14,650	20%
R&S®FPL-EMI7	5 kHz to 7.5 GHz	R&S®FPL1007: additional interfaces, internal generator, RF preamplifier, EMI measurement application	EUR 22,985 EUR 17,250	25%
R&S®FPL1007-TG	5 kHz to 7.5 GHz	R&S®FPL1007: OCXO reference frequency, additional interfaces, internal generator, RF preamplifier, 1 dB steps for electronic attenuator	EUR 23,200 EUR 17,400	25%
R&S®FPL1007-P1	5 kHz to 7.5 GHz	R&S®FPL1007: OCXO reference frequency, additional interfaces, RF preamplifier, 1 dB steps for electronic attenuator	EUR 19,150 EUR 14,350	25%
R&S®FPL1014-P1	5 kHz to 14 GHz	R&S®FPL1014: OCXO reference frequency, additional interfaces, RF preamplifier, 1 dB steps for electronic attenuator	EUR 32,050 EUR 23,950	25%
R&S®FPL1026-P1	5 kHz to 26.5 GHz	R&S®FPL1026: OCXO reference frequency, additional interfaces, RF preamplifier, 1 dB steps for electronic attenuator	EUR 37,140 EUR 27,900	25%

## Source measure unit

Model	Output channel	Maximum voltage/current	Product bundle description	List price Europe	Discount
R&S®NGU201COM	1	20 V/8 A	R&S®NGU201: digital trigger I/O, digital voltmeter function, battery simulation	EUR 9,110 EUR 7,880	14%

## Vector signal generator

Model	Frequency range	Product bundle description	List price Europe	Discount
R&S®SMCV100BP2	4 kHz to 3 GHz	R&S®SMCV100B: AM/FM/φM (via baseband), pulse modulation, custom digital modulation	EUR 13,550 EUR 11,800	13%

## LCR meter

Model	Maximum frequency	Basic accuracy	Product bundle description	List price Europe	Discount
R&S®LCX200COM	10 MHz	±0.05% for impedance measurements; ±0.03° for phase measurements	R&S®LCX200: advanced analysis option, binning option, extended bias option	EUR 16,740 EUR 15,000	10%

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