

R&S® ESSENTIALS

# TODAY'S SOLUTION FOR TOMORROW'S CHALLENGE

Save up to 49% on the most popular T&M instrument configurations



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Order before  
March 31, 2024

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Make ideas real



# 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, 2024**

### Oscilloscopes up to 49% off

- ▶ Up to 1.5 GHz bandwidth
- ▶ Up to 4.5 million waveforms/s real-time update rate
- ▶ Up to 5 Gsample/s sample rate
- ▶ 400 Mpoints 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: 4 × 64 V/channel
- ▶ Max. current: 4 × 10 A/channel or 40 A in total



### Spectrum analyzers up to 27% off

- ▶ Frequency range: 5 kHz to 7.5 GHz
- ▶ DANL: typ. -163 dBm
- ▶ Phase noise: typ. -108 dBc (1 Hz)
- ▶ Intuitive operation
- ▶ Small test bench footprint



### Source measure unit 13% 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 MOST POPULAR CONFIGURATIONS

## Oscilloscopes

Model	Bandwidth, channels	Product bundle description	List price CA	Discount
R&S®RTC-BNDL	300 MHz, 2 analog channels	R&S®RTC1002: ARB generator, I <sup>2</sup> C/SPI trigger and decode, UART/RS-232 trigger and decode, CAN/LIN trigger and decode	<del>\$3,819</del> \$2,545	33%
R&S®RTB-BNDL	300 MHz, 4 analog channels	R&S®RTB2004: ARB generator, I <sup>2</sup> C/SPI trigger and decode, UART/RS-232 trigger and decode, CAN/LIN trigger and decode, history and segment memory, frequency response analysis (Bode plot)	<del>\$9,465</del> \$6,200	34%
R&S®RTM-BNDL <sup>1)</sup>	500 MHz, 4 analog channels	R&S®RTM3004: ARB generator, I <sup>2</sup> C/SPI trigger and decode, UART/RS-232 trigger and decode, CAN/LIN trigger and decode, I <sup>2</sup> S trigger and decode, MIL-STD-1553 trigger and decode, ARINC 429 trigger and decode, history and segmented memory, power analysis, frequency response analysis (Bode plot), spectrum analysis and spectrogram	<del>\$23,255</del> \$13,850	40%
R&S®RTA-BNDL	1 GHz, 4 analog channels	R&S®RTA4004: ARB generator, I <sup>2</sup> C/SPI trigger and decode, UART/RS-232 trigger and decode, CAN/LIN trigger and decode, I <sup>2</sup> S trigger and decode, MIL-STD-1553 trigger and decode, ARINC 429 trigger and decode, history and segmented memory, power analysis, frequency response analysis (Bode plot), spectrum analysis and spectrogram	<del>\$33,755</del> \$17,315	49%
R&S®MXO4-BNDL	1.5 GHz, 4 analog channels	R&S®MXO 44: ARB generator, low speed serial buses, automotive protocols, frequency response analysis (Bode plot)	<del>\$41,325</del> \$27,280	34%

<sup>1)</sup> Promotion bundle will not support keycode bandwidth upgrade to 1 GHz. The Rohde&Schwarz Service Center will handle the upgrade.

## DC power supplies

Model	Output channels	Maximum output power	Product bundle description	List price CA	Discount
R&S®NGE-COM3b	3	100 W	R&S®NGE103B: Ethernet remote control, digital trigger I/O	<del>\$2,350</del> \$1,905	19%
R&S®NGM-COM2b	2	120 W	R&S®NGM202: digital trigger I/O, digital voltmeter functionality, battery simulation	<del>\$11,515</del> \$10,345	10%
R&S®NGP824-COMb	4	800 W	R&S®NGP824: 64 V/10 A, digital trigger I/O, analog input	<del>\$9,175</del> \$8,220	10%

## Spectrum analyzers

Model	Frequency range	Product bundle description	List price CA	Discount
R&S®FPL-EMI3	5 kHz to 3 GHz	R&S®FPL1003: additional interfaces, internal generator, RF preamplifier, EMI measurement application	<del>\$30,750</del> \$23,045	25%
R&S®FPL-EMI7	5 kHz to 7.5 GHz	R&S®FPL1007: additional interfaces, internal generator, RF preamplifier, EMI measurement application	<del>\$38,760</del> \$28,290	27%
R&S®FPC-COM2	5 kHz to 3 GHz	R&S®FPC1500: preamplifier, modulation analysis, vector network analysis, receiver mode, advanced measurements	<del>\$12,795</del> \$10,230	20%
R&S®FPC-EMI1	5 kHz to 1 GHz	R&S®FPC1000: preamplifier, receiver mode	<del>\$4,195</del> \$3,770	10%

## Handheld analyzers

Model	Frequency range	Product bundle description	List price CA	Discount
R&S®FPH-INH4	5 kHz to 4 GHz	R&S®FPH handheld spectrum analyzer: preamplifier, interference analysis, maps	\$14.925 \$13.735	8%
R&S®FPH-INH8	5 kHz to 8 GHz	R&S®FPH handheld spectrum analyzer: preamplifier, interference analysis, maps	\$20.000 \$18.445	8%
R&S®ZPH-ANR4	2 MHz to 4 GHz	R&S®ZPH cable and antenna analyzer model .02: one port N(f), 2 MHz to 4 GHz, GPS support	\$8.505 \$7.230	15%
R&S®ZPH-FOX4	2 MHz to 4 GHz	R&S®ZPH cable and antenna analyzer model .12: two port N(f), 2 MHz to 4 GHz	\$16.430 \$15.110	8%

## Source measure unit

Model	Output channel	Product bundle description	List price CA	Discount
R&S®NGU201COM	1	R&S®NGU201: two-quadrant source measure unit, digital trigger I/O, digital voltmeter function, battery simulation	\$14.165 \$12.290	13%

## Vector signal generator

Model	Frequency range	Product bundle description	List price CA	Discount
R&S®SMCV100BP2	4 kHz to 3 GHz	R&S®SMCV100B: AM/FM/φM (via baseband), pulse modulation, custom digital modulation	\$20.570 \$17.915	13%

## Power meter

Model	Product bundle description	List price CA	Discount
R&S®NRX-COM4	R&S®NRX: second measurement channel, third and fourth R&S®NRP sensor connector, sensor check source	\$18.205 \$16.375	10%

## LCR meter

Model	Maximum frequency	Basic accuracy	Product bundle description	List price CA	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	\$28.975 \$25.940	10%

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