

R&S® ESSENTIALS

# TODAY'S SOLUTION FOR TOMORROW'S CHALLENGE

Save up to 46% on the most popular T&M instrument configurations



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# PROMOTIONAL OFFER AT A GLANCE

Save up to 46% 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 September 30, 2024**

### Oscilloscopes up to 46% 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 26.5 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  $\pm 0.05\%$



# UP TO 46 % SAVINGS ON THE MOST POPULAR CONFIGURATIONS

## Oscilloscopes

| Model                      | Bandwidth, channels           | Product bundle description  | List price               | Discount |
|----------------------------|-------------------------------|---|--------------------------|----------|
| R&S®RTC-BNDL               | 300 MHz,<br>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   | EUR 2,610<br>EUR 1,740   | 34%      |
| R&S®RTB-BNDL               | 300 MHz,<br>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)  | EUR 6,400<br>EUR 3,700   | 42%      |
| R&S®RTM-BNDL <sup>1)</sup> | 500 MHz,<br>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 | EUR 17,450<br>EUR 9,490  | 46%      |
| R&S®RTA-BNDL               | 1 GHz,<br>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 | EUR 22,130<br>EUR 12,490 | 44%      |
| R&S®MX04-BNDL              | 1.5 GHz,<br>4 analog channels | MXO 44: ARB generator, low speed serial buses, automotive protocols, frequency response analysis (Bode plot), power analysis  | EUR 30,200<br>EUR 19,900 | 37%      |

<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             | Discount |
|-----------------|-----------------|----------------------|--|------------------------|----------|
| R&S®NGE-COM3b   | 3               | 100 W                | R&S®NGE103B: Ethernet remote control, digital trigger I/O                            | EUR 1,460<br>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<br>EUR 6,650 | 10%      |
| R&S®NGP824-COMb | 4               | 800 W                | R&S®NGP824: 64 V/10 A, digital trigger I/O, analog input                             | EUR 5,700<br>EUR 5,110 | 10%      |
| R&S®NGA142COMb  | 2               | 80 W                 | R&S®NGA142: digital trigger I/O  | EUR 1,935<br>EUR 1,750 | 10%      |
| R&S®HMP4040COM  | 2               | 160 W                | R&S®HMP4040: dual interface (USB/Ethernet)   | EUR 3,115<br>EUR 2,800 | 10%      |

## Handheld analyzers

| Model        | Frequency range | Product bundle description   | List price               | Discount |
|--------------|-----------------|--|--------------------------|----------|
| R&S®FPH-INH8 | 5 kHz to 8 GHz  | R&S®FPH: preamplifier, interference analysis, maps   | EUR 13,083<br>EUR 9,800  | 25%      |
| 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 16,217<br>EUR 11,350 | 30%      |

## Spectrum analyzers

| Model          | Frequency range   | Product bundle description  | List price               | Discount |
|----------------|-------------------|---|--------------------------|----------|
| R&S®FPC-COM2   | 5 kHz to 3 GHz    | R&S®FPC1500: preamplifier, modulation analysis, vector network analysis, receiver mode, advanced measurements                           | EUR 8,296<br>EUR 6,150   | 25%      |
| R&S®FPL-EMI3   | 5 kHz to 3 GHz    | R&S®FPL1003: additional interfaces, internal generator, RF preamplifier, EMI measurement application                                    | EUR 18,284<br>EUR 13,700 | 25%      |
| R&S®FPL-EMI7   | 5 kHz to 7.5 GHz  | R&S®FPL1007: additional interfaces, internal generator, RF preamplifier, EMI measurement application                                    | EUR 23,042<br>EUR 16,820 | 27%      |
| 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<br>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<br>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<br>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<br>EUR 27,900 | 25%      |

## Source measure unit

| Model         | Output channel | Product bundle description  | List price             | Discount |
|---------------|----------------|---|------------------------|----------|
| R&S®NGU201COM | 1              | R&S®NGU201: two-quadrant source measure unit, digital trigger I/O, digital voltmeter function, battery simulation | EUR 9,110<br>EUR 7,900 | 13%      |

## Vector signal generator

| Model          | Frequency range | Product bundle description   | List price               | 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<br>EUR 11,800 | 13%      |

## LCR meter

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



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**Rohde & Schwarz**

The Rohde&Schwarz technology group is among the trailblazers when it comes to paving the way for a safer and connected world with its leading solutions in test & measurement, technology systems and networks&cybersecurity. Founded 90 years ago, the group is a reliable partner for industry and government customers around the globe. The independent company is headquartered in Munich, Germany and has an extensive sales and service network with locations in more than 70 countries.

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