

R&S® ESSENTIALS SPECIAL

TODAY'S SOLUTION FOR TOMORROW'S CHALLENGE

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



In cooperation with

UP TO **49% OFF**
R&S® ESSENTIALS

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ROHDE & SCHWARZ

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 September 30, 2023

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		
R&S®RTC-BNDL	300 MHz, 2 analog channels	R&S®RTC1002: ARB generator, I ² C/SPI trigger and decode, UART/RS-232 trigger and decode, CAN/LIN trigger and decode		
R&S®RTB-BNDL	300 MHz, 4 analog channels	R&S®RTB2004: ARB generator, I ² 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)		
R&S®RTM-BNDL ¹⁾	500 MHz, 4 analog channels	R&S®RTM3004: ARB generator, I ² C/SPI trigger and decode, UART/RS-232 trigger and decode, CAN/LIN trigger and decode, I ² 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		
R&S®RTA-BNDL	1 GHz, 4 analog channels	R&S®RTA4004: ARB generator, I ² C/SPI trigger and decode, UART/RS-232 trigger and decode, CAN/LIN trigger and decode, I ² 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		
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)		

¹⁾ 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		
R&S®NGE-COM3b	3	100 W	R&S®NGE103B: Ethernet remote control, digital trigger I/O		
R&S®NGM-COM2b	2	120 W	R&S®NGM202: digital trigger I/O, digital voltmeter functionality, battery simulation		
R&S®NGP824-COMb	4	800 W	R&S®NGP824: 64 V/10 A, digital trigger I/O, analog input		

Spectrum analyzers

Model	Frequency range	Product bundle description		
R&S®FPL-EMI3	5 kHz to 3 GHz	R&S®FPL1003: additional interfaces, internal generator, RF preamplifier, EMI measurement application		
R&S®FPL-EMI7	5 kHz to 7.5 GHz	R&S®FPL1007: additional interfaces, internal generator, RF preamplifier, EMI measurement application		
R&S®FPC-COM2	5 kHz to 3 GHz	R&S®FPC1500: preamplifier, modulation analysis, vector network analysis, receiver mode, advanced measurements		
R&S®FPC-EMI1	5 kHz to 1 GHz	R&S®FPC1000: preamplifier, receiver mode		

Handheld analyzers

Model	Frequency range	Product bundle description		
R&S®FPH-INH4	5 kHz to 4 GHz	R&S®FPH handheld spectrum analyzer: preamplifier, interference analysis, maps		
R&S®FPH-INH8	5 kHz to 8 GHz	R&S®FPH handheld spectrum analyzer: preamplifier, interference analysis, maps		
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		
R&S®ZPH-FOX4	2 MHz to 4 GHz	R&S®ZPH cable and antenna analyzer model .02: two port N(f), 2 MHz to 4 GHz		

Source measure unit

Model	Output channel	Product bundle description		
R&S®NGU201COM	1	R&S®NGU201: two-quadrant source measure unit, digital trigger I/O, digital voltmeter function, battery simulation		

Vector signal generator

Model	Frequency range	Product bundle description		
R&S®SMCV100BP2	4 kHz to 3 GHz	R&S®SMCV100B: AM/FM/φM (via baseband), pulse modulation, custom digital modulation		

Power meter

Model	Product bundle description		
R&S®NRX-COM4	R&S®NRX: second measurement channel, third and fourth R&S®NRP sensor connector, sensor check source		

LCR meter

Model	Maximum frequency	Basic accuracy	Product bundle description		
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		

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You're in great hands

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- ▶ Uncompromising quality
- ▶ Long-term dependability

You can find all of these promotional offers at our authorized distributors in your country.

Rohde & Schwarz representative

Rohde & Schwarz

The Rohde&Schwarz technology group is among the trail-blazers 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 more than 85 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.

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

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