

# EVERYTHING YOU NEED. AND MORE.

Introducing  
complete solutions  
for one price.

Prepare for the  
future now, before  
your requirements  
change.

# now

formerly



all  
inclusive

## ROHDE & SCHWARZ

Make ideas real



# SAVE UP TO € 17.000\* ON FULL-SOLUTION INSTRUMENTS.

## Invest in Rohde & Schwarz

Benefit from Rohde & Schwarz' quality and German engineering while having all the bandwidth, channels, memory, spectrum measurements and signal generation you need at your fingertips. For a limited time Rohde & Schwarz is offering a selection of entry-level instruments, fully equipped with all options at an unrivaled package price.

## All Upgrades Up Front

Adding keycodes or further options to your instrument can be expensive and time consuming. Your engineering requirements change so why not future-proof your investment from the start. Now you can fully load your instrument at the point of purchase.

## Lower pricing

Better value and easier for you. For a limited time only you can save as much as €17.000 on these attractively priced, bundled packages. A single purchase and ultimately a lower price.

## Build your Bench

Maximize your bench's performance for every day applications like EMI debug, power integrity, battery testing, channel power and low speed serial with the following instruments:

## Oscilloscopes

- ▶ Performance: Bandwidths up to 2 GHz
- ▶ Channels: Up to 4 analog/16 digital (MSO)
- ▶ Up to 10.1" WXGA Touchscreen Display
- ▶ Sample Rate: Up to 5 Gsample/s
- ▶ Memory: Up to 1 Gsample segmented memory
- ▶ Up to 10-bit ADC

## (Handheld) Spectrum and Cable & Antenna Analyzers

- ▶ Frequency Range: 5 kHz to 4 GHz
- ▶ DANL: < -165 dBm typ.
- ▶ Phase Noise (f = 500 MHz, 100 kHz offset): < -105 dBc/Hz (typ.)
- ▶ Portability: lightweight and battery lasts for a day's work
- ▶ User experience redefined thanks to multitouch interface
- ▶ Measurement speed: 0.3 ms/point

## Power Supplies

- ▶ Channel count: Up to 4
- ▶ Electrically Equivalent Channels
- ▶ Max Voltage: 4x32 V/channel
- ▶ Max Current: 10 A/channel
- ▶ Max Power: 384 W

## Power Analyzer

- ▶ Analog bandwidth: DC to 100 GHz
- ▶ Sampling rate: 500 ksample/s
- ▶ 16-bit resolution for current and voltage

## 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

# TAKE ADVANTAGE OF THIS UNIQUE OFFER, NOW THROUGH JUNE 30, 2020.



**R&S®RTH Scope Rider**  
500 MHz Handheld  
Oscilloscope  
Savings up to € 4.390



**R&S®RTB2000**  
300 MHz Oscilloscope  
Savings up to € 2.365



**R&S®RTM3000**  
1 GHz Oscilloscope  
Savings up to € 8.205



**R&S®RTE1000**  
1 GHz Oscilloscope  
Savings up to € 17.060



**R&S®NGE100B**  
100 W power supply  
Savings up to € 305



**R&S®NGL200**  
100 W high precision  
power supply and sink  
Savings up to € 380



**R&S®SMC100AP31**  
Signal generator  
Savings up to € 800



**R&S®FPC1500**  
3 GHz Spectrum analyzer  
Savings up to € 2.480



**R&S®Spectrum Rider FPH**  
4 GHz handheld spectrum analyzer  
Savings up to € 5.539

## Oscilloscopes

Name	Bandwidth	Channels	Option Packages	List Price	Discount
R&S®RTC1K-COM2	300 MHz	2 analog / 8 digital	AWG, MSO, I2C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN	€ 2540 € 1290	49%
R&S®RTB2K-COM4	300 MHz	4 analog / 16 digital	AWG, MSO, I2C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN, frequency response analysis, history and segmented memory	€ 5565 € 3200	42%
R&S®RTM3K-COM4	1 GHz	4 analog / 16 digital	AWG, MSO, I2C, SPI, UART/RS-232/RS-422/RS-485, I2S LJ/RJ/TDM, MIL-1553, ARINC 429, CAN/LIN, power analysis, frequency response analysis, history and segmented memory, spectrum analysis	€ 16805 € 8600	49%
R&S®RTA4K-COM4	1 GHz	4 analog / 16 digital	AWG, MSO, I2C, SPI, UART/RS-232/RS-422/RS-485, I2S LJ/RJ/TDM, MIL-1553, ARINC 429, CAN/LIN, power analysis, frequency response analysis, history and segmented memory, spectrum analysis	€ 20480 € 10500	49%
R&S®RTE-COM4	2 GHz	4 analog / 16 digital	MSO, I2C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN, CAN-FD, CXPI, Flex-Ray, SENT, I2S, MIL-1553, ARINC 429, Space Wire, MIPI RFFE, Custom decode, MDIO, USB1.0/1.1/2.0/HSIC, high definition 16-bit resolution, power analysis, spectrum analysis, Ethernet 100 BASE-T1, bus Measurements	€ 34800 € 17.740	49%
R&S®RTH-COM4C	500 MHz	4 analog / 8 digital	MSO, I2C, 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	€ 11780 € 7390	37%

## Spectrum and Antenna Analyzers

Name	Frequency range	Phase Noise f=500 MHz, 100 kHz offset	Option Packages	List Price	Discount
R&S®FPC-COM1	5 kHz to 3 GHz	< -103 dBc/Hz (typ.)	Preamplifier, frequency extension, modulation analysis, receiver mode, advanced measurements	€ 5.230 € 3.050	42%
R&S®FPC-COM2	5 kHz to 3 GHz	< -103 dBc/Hz (typ.)	Tracking generator, VNA, signal generator, preamplifier, frequency extension, modulation analysis, receiver mode, advanced measurements	€ 6.880 € 4.400	36%
R&S®FPH-COM1	2 GHz to 4 GHz	< -105 dBc/Hz (typ.)	Preamplifier, frequency extension, modulation analysis, power sensor support, interference analysis, signal strength mapping, channel power meter, pulse measurements with power sensor, receiver mode	€ 11.520 € 5.990	48%
R&S®ZPH-COM1	3 GHz to 4 GHz	< -105 dBc/Hz (typ.)	Frequency extension, GPS support, power sensor support, channel power meter, pulse measurements with power sensor	€ 6.520 € 3.390	48%
R&S®ZPH-COM2	3 GHz to 4 GHz	< -105 dBc/Hz (typ.)	Preamplifier, frequency extension, spectrum analysis, modulation analysis, power sensor support, interference analysis, signal strength mapping, channel power meter, pulse measurements with power sensor	€ 13.440 € 6.990	48%

## Power Supplies

Name	Output Channels	Max. output power	Option Packages	List Price	Discount
R&S®NGE-COM3a	3	100 W	Ethernet remote control, Wireless LAN remote control, Digital I/O trigger	<del>€ 1.300</del> € 995	24%
R&S®NGL-COM2a	2	120 W	Wireless LAN remote control, Digital I/O trigger	<del>€ 3.480</del> € 3.100	11%
R&S®NGM-COM2a	2	120 W	Wireless LAN remote control, Digital I/O trigger, Digital Voltmeter functionality, Battery Simulation	<del>€ 6.330</del> € 5.570	12%
R&S®HMP4040	4	384 W		<del>€ 2.160</del> € 2.050	5%

## Power Analyzer

Name	Basic Accuracy	Measurement Range	Option Packages	List Price	Discount
R&S®HMC8015COM	0.05%	50 $\mu$ W up to 12 kW	Advanced Analysis, Advanced I/O, Compliance Tests	<del>€ 2.945</del> € 1.995	32%

## Signal Generator

Name	Frequency range	Output power	Option Packages	List Price	Discount
R&S®SMC100AP31	9 kHz to 1.1 / 3.2 GHz	> +13 dBm	OCXO Reference Oscillator	<del>€ 7.950</del> € 7.155	10%

\*Difference between list price and promotional price is rounded to the nearest €50

## Service that adds value

- | Worldwide
- | Local and personalized
- | Customized and flexible
- | Uncompromising quality
- | Long-term dependability

## Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in the following business fields: test and measurement, broadcast and media, secure communications, cybersecurity, monitoring and network testing. Founded more than 80 years ago, the independent company which is headquartered in Munich, Germany, has an extensive sales and service network with locations in more than 70 countries.

[www.rohde-schwarz.com](http://www.rohde-schwarz.com)

Certified Quality Management  
**ISO 9001**

Certified Environmental Management  
**ISO 14001**

**Rohde & Schwarz representative**

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



## Sustainable product design

- | Environmental compatibility and eco-footprint
- | Energy efficiency and low emissions
- | Longevity and optimized total cost of ownership

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