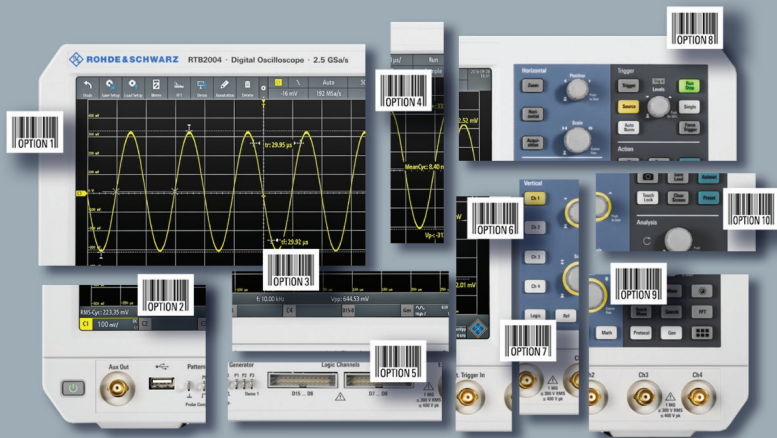
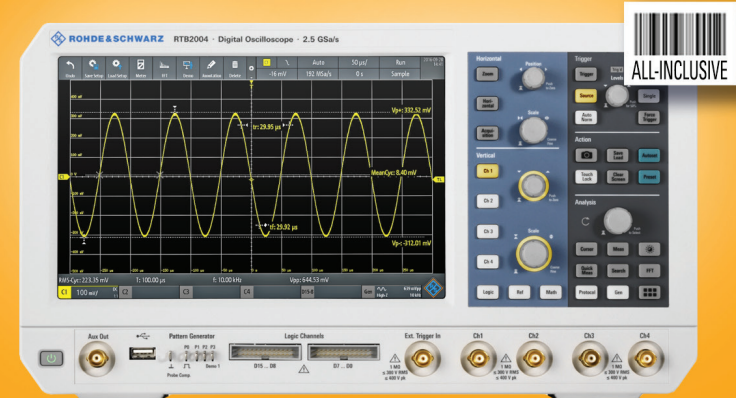


# This Changes Everything.

That was then.



This is now.



Introducing complete solutions for one price.  
Prepare for the future now, before your design needs change.

# Save up to \$10,000 on full-solution instruments.

## Invest in Rohde & Schwarz

Benefit from Rohde & Schwarz' well-proven quality and German engineering while getting all the bandwidth, channels, inputs, memory interfaces and signal generation you may ever need ... at an unrivaled package price.

## All the Upgrades Up Front

Gone are the days of keycode upgrades or waiting on your new option, as your design needs change. Now, get solution packages with fully loaded instruments from the start for long-term viability.

## Low Pricing

No more adding as you go or being at the mercy of a manufacturer's "future pricing". Save as much as \$10,000 off of list prices on complete solutions.

## 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 1 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

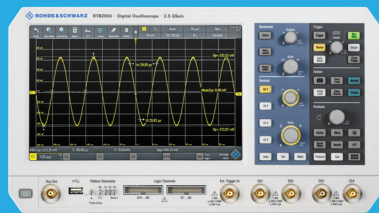
## Spectrum Analyzers:

- | Frequency Range: 3 GHz
- | DANL: < -165 dBm typ.
- | Phase Noise: < -103 dBc/Hz, carrier offset 100 kHz
- | Screen Size: 10.1" WXGA

## Power Supplies & Power Analyzers:

- | Channel count: Up to 4
- | Electrically Equivalent Channels
- | Max Voltage: 4x32 V/channel
- | Max Power: 384 W

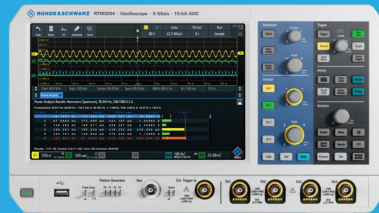
# Take advantage of this industry first, now through December 31, 2019.



## R&S®RTB2000 OSCILLOSCOPE

- Bandwidth: 300 MHz
- Up to 160 Msample memory
- 10-bit ADC
- 10.1" Touch Display
- I<sup>2</sup>C/SPI, UART, CAN/LIN plus much more

**Savings up to \$2,485**



## R&S®RTM3000 OSCILLOSCOPE

- Bandwidth: 1 GHz
- Up to 400 Msample memory
- 10-bit ADC
- 10.1" Touch Display
- I<sup>2</sup>C/SPI, UART, CAN/LIN plus much more

**Savings up to \$9,415**



## R&S®RTA4000 OSCILLOSCOPE

- Bandwidth: 1 GHz
- Up to 1,000 Msample memory
- I<sup>2</sup>C/SPI, UART, CAN/LIN plus much more
- 10-bit ADC
- 10.1" Touch Display

**Savings up to \$10,675**



## R&S®RTH1000 SCOPE RIDER

- Bandwidth: 500 MHz
- Up to 25 Msample memory
- I<sup>2</sup>C/SPI, UART, CAN/LIN plus much more
- 10-bit ADC
- 7" Touch Display

**Savings up to \$4,380**



## R&S®FPC1500 SPECTRUM ANALYZER

- Frequency range: Up to 3 GHz
- Preamplifier
- Spectrum Analyzer, Tracking Generator, VNA, Sig Gen
- Modulation analysis plus more

**Savings up to \$2,540**



## R&S®NGE100B POWER SUPPLY

- 3 Channels
- 3x32V
- Power: 100W
- WiFi for remote control

**Savings up to \$945**

# This Changes Everything.

## Complete Solutions. Revolutionary Pricing. See Instruments now.

### Oscilloscopes

Name	Bandwidth	Channels	Option Packages
R&S®RTC1K-COM2	300 MHz	2 analog/8 digital	AWG, Mixed Signal upgrade, I²C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN serial triggering and decoding
R&S®RTB2K-COM4	300 MHz	4 analog/16 digital	AWG, Mixed Signal upgrade, I²C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN serial triggering and decoding, frequency response analysis, history and segmented memory with 160 Msample
R&S®RTM-COM4US	1 GHz	4 analog/16 digital	AWG, Mixed Signal upgrade, I²C, SPI, UART/RS-232/RS-422/RS-485, I2S LJ/RJ/TDM, MIL-1553, ARINC 429, CAN/LIN serial triggering and decoding, power analysis, frequency response analysis, history and segmented memory with 400 Msample
R&S®RTA-COM4US	1 GHz	4 analog/16 digital	AWG, Mixed Signal upgrade, I²C, SPI, UART/RS-232/RS-422/RS-485, I2S LJ/RJ/TDM, MIL-1553, ARINC 429, CAN/LIN serial triggering and decoding, power analysis, frequency response analysis, history and segmented memory with 1,000 Msample (1 Gsample)
R&S®RTH-COM4US	500 MHz	4 analog/8 digital	Mixed Signal upgrade, I²C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN, CAN-FD, SENT serial triggering and decoding, spectrum analysis, frequency counter, advanced trigger, harmonic analysis, wifi, remote control, history and segmented memory with 25 Msample

### Spectrum Analyzers

Name	Frequency	Phase Noise	Option Packages
R&S®FPC-COM1	5 kHz to 3 GHz	< -103 dBc/Hz	Preamplifier, modulation analysis, receiver mode, advanced measurements
R&S®FPC-COM2	5 kHz to 3 GHz	< -103 dBc/Hz	Tracking generator, VNA, signal generator, preamplifier, modulation analysis, receiver mode, advanced measurements

### Power Supplies

Name	Output Channels	Output Voltage	Option Packages
R&S®NGE-COM3a	3	100 V	Ethernet remote control, wireless LAN remote control, digital I/O trigger
R&S®NGL-COM2a	2	120 V	Wireless LAN remote control, digital I/O trigger
R&S®HMP4040	4	32 V	

### Power Analyzer

Name	Basic Accuracy	Measurement Range	Option Packages
R&S®HMC8015COM	0.05%	50 µW to 12kW	Advanced analysis, advanced I/O, compliance test

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6821 Benjamin Franklin Drive  
Columbia, MD 21046  
1-888-TEST-RSA (1-888-837-8772)  
[www.rohde-schwarz.com/us](http://www.rohde-schwarz.com/us)

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