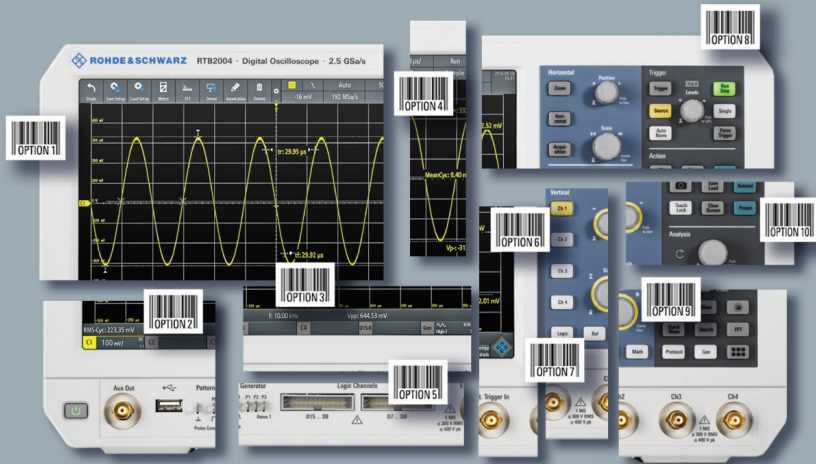


THIS CHANGED EVERYTHING.

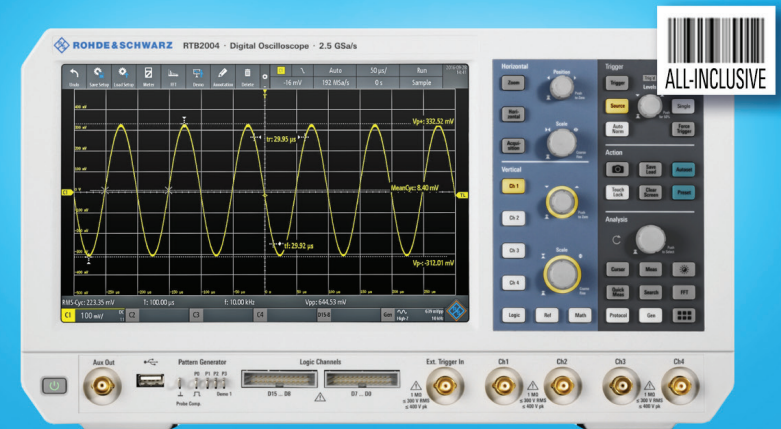
COMPLETE SOLUTIONS FOR ONE PRICE.

Prepare for the future
now, before your design
needs change.

That was then.



This is now.



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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

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 kHz
- Sampling rate: 500 ksample/s
- Power measurement range: 50uW to 12 kW

Signal Generator

- Frequency range 9 kHz to 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 INDUSTRY FIRST OFFER, NOW THROUGH JUNE 30, 2020.



R&S®RTB2000 OSCILLOSCOPE

- ▶ Bandwidth: 300 MHz
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- ▶ 10.1" Touch Display
- ▶ I²C/SPI, UART, CAN/LIN plus much more

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R&S®RTM3000 OSCILLOSCOPE

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- ▶ 10-bit ADC
- ▶ 10.1" Touch Display
- ▶ I²C/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
- ▶ I²C/SPI, UART, CAN/LIN plus much more
- ▶ 10-bit ADC
- ▶ 10.1" Touch Display

Savings up to \$10,675



R&S®RTE1000 OSCILLOSCOPE

- ▶ Bandwidth: Up to 2 GHz
- ▶ Up to 200 Msample
- ▶ 16-bit vertical resolution
- ▶ 16 digital channels

Savings up to \$18,880



R&S®NGL200 POWER SUPPLY SERIES

- ▶ 2 channels
- ▶ 0x20V
- ▶ Power: 120 W
- ▶ Wifi for remote control

Savings up to \$480



R&S®RTH1000 SCOPE RIDER

- ▶ Bandwidth: 500 MHz
- ▶ Up to 25 Msample memory
- ▶ I²C/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 \$3,475



R&S®SMC100A SIGNAL GENERATOR

- ▶ Frequency range: Up to 3.2 GHz
- ▶ >+17 dBm
- ▶ High stability reference oscillator

Savings up to \$920



R&S®NGE100B POWER SUPPLY

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

Savings up to \$395



R&S®FPH SPECTRUM RIDER

- ▶ Handheld spectrum analyzer
- ▶ -163 dBm displayed average noise level
- ▶ 6-hour battery

Savings up to \$6,925

Oscilloscopes

Name	Bandwidth	Channels	Option Packages
R&S®RTC1K-COM2	300 MHz	2 analog / 8 digital	AWG, MSO, I²C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN
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
R&S®RTM-COM4US	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
R&S®RTA-COM4US	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
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
R&S®RTH-COM4US	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

Spectrum and Antenna Analyzers

Name	Frequency Range	Phase Noise f=500 MHz, 100 kHz offset	Option Packages
R&S®FPC-COM1	5 kHz to 3 GHz	< -103 dBc/Hz (typ.)	Preamplifier, frequency extension, modulation analysis, receiver mode, advanced measurements
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
R&S®FPH-COM1	5 kHz 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
R&S®ZPH-COM1	2 MHz to 4 GHz	< -105 dBc/Hz (typ.)	Frequency extension, GPS support, power sensor support, channel power meter, pulse measurements with power sensor
R&S®ZPH-COM2	2 MHz 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

Power Supplies

Name	Output Channels	Max. output power	Option Packages
R&S®NGE-COM3a	3	100 W	Ethernet remote control, wireless LAN remote control, digital I/O trigger
R&S®NGL-COM2a	2	120 W	Wireless LAN remote control, digital I/O trigger
R&S®NGM-COM2a	2	120 W	Wireless LAN remote control, digital I/O trigger, digital voltmeter functionality, battery simulation
R&S®HMP4040	4	384 W	

Power Analyzer

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

Signal Generator

Name	Frequency Range	Output power	Option Packages
R&S®SMC100AP31	9 kHz to 3.2 GHz	> + 13 dBm	OEXO reference oscillator

Terms & Conditions:

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