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In cooperation with

Thurlby Thandar Instrument Distribution Glebe Road, Huntingdon, PE29 7DR, UK +44 (0)1480 412 451 sales@ttid.co.uk www.ttid.co.uk

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Make ideas real



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 March 31, 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 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 46% SAVINGS ON THE MOST POPULAR CONFIGURATIONS

Oscilloscopes

Model	Bandwidth, channels	Product bundle description	List price Europe	Discount
R&S®RTC-BNDL	300 MHz, 2 analog channels	R&S®RTC1002: ARB generator, I²C/SPI trigger and decode, UART/RS-232 trigger and decode, CAN/LIN trigger and decode	EUR 2,610 EUR 1,740	33%
R&S®RTB-BNDL	300 MHz, 4 analog channels	R&S®RTB2004: ARB generator, I²C/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 EUR 4,190	35%
R&S®RTM-BNDL ¹⁾	500 MHz, 4 analog channels	R&S*RTM3004: ARB generator, I²C/SPI trigger and decode, UART/RS-232 trigger and decode, CAN/LIN trigger and decode, I²S 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 EUR 9,490	46%
R&S*RTA-BNDL	1 GHz, 4 analog channels	R&S®RTA4004: ARB generator, I²C/SPI trigger and decode, UART/RS-232 trigger and decode, CAN/LIN trigger and decode, I²S 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 EUR 12,490	44%
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)	EUR 30,200 EUR 19,900	34%

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 Europe	Discount
R&S®NGE-COM3b	3	100 W	R&S®NGE103B: Ethernet remote control, digital trigger I/O	EUR 1,455 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 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 5,695 EUR 5,100	10%

Spectrum analyzers

Model	Frequency range	Product bundle description	List price Europe	Discount
R&S®FPL-EMI3	5 kHz to 3 GHz	R&S°FPL1003: additional interfaces, internal generator, RF preamplifier, EMI measurement application	EUR 18,284 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 EUR 16,820	27%
R&S®FPC-COM2	5 kHz to 3 GHz	R&S*FPC1500: preamplifier, modulation analysis, vector network analysis, receiver mode, advanced measurements	EUR 7,812 EUR 6,250	20%
R&S®FPC-EMI1	5 kHz to 1 GHz	R&S®FPC1000: preamplifier, receiver mode	EUR 2,560 EUR 2,300	10%

Handheld analyzers

Model	Frequency range	Product bundle description	List price Europe	Discount
R&S®FPH-INH4	5 kHz to 4 GHz	R&S®FPH handheld spectrum analyzer: preamplifier, interference analysis, maps	EUR 9,266 EUR 8,525	8%
R&S®FPH-INH8	5 kHz to 8 GHz	R&S®FPH handheld spectrum analyzer: preamplifier, interference analysis, maps	EUR 12,467 EUR 11,450	8%
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	EUR 5,276 EUR 4,485	15%
R&S®ZPH-F0X4	2 MHz to 4 GHz	R&S®ZPH cable and antenna analyzer model .12: two port N(f), 2 MHz to 4 GHz	EUR 10,198 EUR 9,380	8%

Source measure unit

Model	Output channel	Product bundle description	List price Europe	Discount
R&S®NGU201COM	1	R&S®NGU201: two-quadrant source measure unit, digital trigger I/O, digital voltmeter function, battery simulation	EUR 9,105 EUR 7,900	13%

Vector signal generator

Model	Frequency range	Product bundle description	List price Europe	Discount
R&S®SMCV100BP2	4 kHz to 3 GHz	R&S*SMCV100B: AM/FM/φM (via baseband), pulse modulation, custom digital modulation	EUR 13,545 EUR 11,800	13%

Power meter

Model	Product bundle description	List price Europe	Discount
R&S®NRX-COM4	R&S®NRX: second measurement channel, third and fourth R&S®NRP sensor connector, sensor check source	EUR 11,785 EUR 10,600	10%

LCR meter

Model	Maximum frequency	Basic accuracy	Product bundle description	List price Europe	Discount
R&S®LCX200COM	10 MHz	$\pm 0.05\%$ for impedance measurements; $\pm 0.03^\circ$ for phase measurements	R&S®LCX200: advanced analysis option, binning option, extended bias option	EUR 16,755 EUR 15,000	10%

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Rohde & Schwarz representative

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Rohde & Schwarz

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