

Nordic Demo Campaign

- This is your chance!

Are you also looking for new test and measurement equipment? - Or do some of your old equipment need a replacement? This is your chance! We have collected all of our nice demo instruments from our neighboring countries in one great campaign to offer you an even wider product portfolio.

Please note, **first come, first served**. Contact your local Rohde & Schwarz office to check availability.

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We offer demo units within the following categories:

- [Oscilloscopes](#)
- [Probes and other scope accessories](#)
- [Signal & Spectrum Analysis](#)
- [Network Analysis](#)
- [Function & Signal Generators](#)
- [EMC & Field Strength](#)
- [Broadcasting T&M](#)
- [Power Supplies](#)
- [Meters & Counters](#)
- [Radio Monitoring](#)
- [Radio Communication Test](#)
- [Audio Analysis](#)
- [Drive Test Scanning](#)

The demo catalogue on the following pages is a static document. The catalogue is to be updated throughout the demo campaign, which will run until June 30, 2017.

For [terms & conditions](#), please turn to the last page.

Oscilloscopes

Article 1

HMO1002 Digital Oscilloscope, 50MHz, 2 channels



Key facts:

- 50MHz digital oscilloscope
- 2 channels, up to 8 logic channels
- 1GSa/s, 500kPts/channel
- vert. 1mV bis 10V/div, hor. 12 div
- 6.5" VGA TFT, Ethernet / USB
- USB flash drive connector
- 2x R&S®HZ154, MSO-ready
- (R&S®HO3508 logic probe required)

Model

1.1 – 620, Serial No. 021240947

Options Included:

No additional options included

Warranty: 6 months

Newly calibrated: no

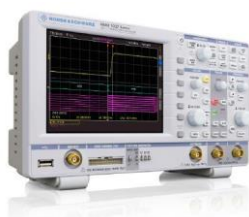
30%
Discount

~~€ 798,00~~

€ 558,60

Article 2

HMO1002 Digital Oscilloscope, 50MHz, 2 channels



Key facts:

- Up to 2 Gsample sampling rate, 2 Msample memory depth
- High vertical sensitivity down to 1 mV/div
- Low-noise measurement due to state-of-the-art A/D converters
- High acquisition rate to identify signal faults
- Upgradable to 100MHz

Model

2.1 - 604, Serial No. 100900.

Options Included:

HOO11: License key I²C, SPI, UART/RS232, trigger & decode option(SL)
HOO12: License key for CAN/LIN analog/digital
DCV Calibration with certificate

Warranty 6 months

Newly calibrated: no

30%
Discount

~~€ 1.743,00~~

€ 1.220,00

Article 3

HMO0722 – 70 MHz, 2 channels

Key facts:

- 2 Gsample/s realtime sampling rate
- 1MPts/channel memory
- Vertical sensitivity down to 1 mV/div
- 6.5" VGA TFT
- USB-stick connector



Model

3.1 – 607, Serial No. 015108709 **SOLD !!**

Options Included:

No additional options included

Warranty 6 Months

Newly calibrated: Yes

PLEASE NOTE, this is a discontinued product

65%

Discount

~~€1.198,00~~

€ 400,00

Article 4

HMO1024 – 100MHz, 4 channels

Key facts:

- 2 Gsample/s realtime sampling rate, low-noise flash A/D converter
- 2 Mpoint memory, zoom up to 50 000:1
- MSO functionality included as standard (HO3508 logic probe required)
- Vertical sensitivity down to 1 mV/div



Model

4.1 – 607, Serial No. 01568701

4.2 – 607, Serial No. 017525032

4.3 – 607, Serial No. 017649921

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: Yes

60%

Discount

~~€ 1.965,00~~

€ 800,00

Article 5

HMO1024 Digital Oscilloscope, 100MHz, 4 channels**Key facts:**

- 2 Gsample/s realtime sampling rate, low-noise flash A/D converter
- 2 Mpoint memory, zoom up to 50 000:1
- MSO functionality included as standard (HO3508 logic probe required)
- Component tester for capacitors, inductors and semiconductors
- Vertical sensitivity down to 1 mV/div

Model

5.1 – 604, Serial No. 101686

Options Included:

HO3508: Logic probe

HOO11: License key I²C, SPI, UART/RS232, trigger & decode option(SL)**30%**

Discount

Warranty: 6 months**€ 2.471,00****Newly calibrated:** no**€ 1.730,00**

Article 6

HMO2022 – 200 MHz, 2 channels**Key facts:**

- 2 Gsample/s realtime sampling rate, low-noise flash A/D converter
- 2 Mpoint memory
- MSO functionality included as standard (HO3508 logic probe required)
- Vertical sensitivity down to 1 mV/div

Model6.1 – 607, Serial No. 015104418 **SOLD !!****Options Included:**

No additional options included

Warranty 6 Months**Newly calibrated:** Yes

PLEASE NOTE, this is a discontinued product

60%

Discount

€ 1.798,00**€ 700,00**

Article 7

HMO2024 – 200 MHz, 4-channels



Key facts:

- 2 Gsample/s realtime sampling rate, low-noise flash A/D converter
- 2 Mpoint memory
- MSO functionality included as standard (HO3508 logic probe required)
- Vertical sensitivity down to 1 mV/div

Model

7.1 – 607, Serial No. 014776395 **SOLD !!**

Options Included:

No additional options included

Warranty 6 Months

Newly calibrated: Yes

40%

Discount

~~€ 2.370,00~~

€ 1.400,00

Article 8

HMO3034 Digital Oscilloscope, 300MHz, 4 channels



Key facts:

- 4 Gsample/s realtime sampling rate, low-noise flash A/D converter
- 8 Mpoint memory, zoom up to 200 000:1
- Automatically or manually adjustable memory depth
- Vertical sensitivity down to 1 mV/div
- Trigger modes: slope (A/B), pulse width, video, logic, serial buses (optional), hold-off

Model

8.1 – 604, Serial No. 18753472 **SOLD!!**

Options Included:

HO3508: Logic probe

HOO10: License key for I2C/SPI, UART/RS-232 trigg.decode option

Warranty 6 months

Newly calibrated: no

60%

Discount

~~€ 4.651,00~~

€ 1.860,00

Article 9

HMO3054, Oscilloscope, 500MHz, 4 channels



Key facts:

- 500MHz mixed signal oscilloscope
- 4 channels, up to 16 logic channels
- (mixed signal operation by use of logic channel option HAMEG®HM3508),
- 4GSa/s, 8MB,
- vert. 1mV...5V/div, hor. 12div,
- 6,5" VGA TFT, DVI, Ethernet/USB,
- USB stick connector, incl. software,
- 4x HAMEG®HZ355(probe 10:1)

Model

9.1 – 620, Serial No. 018150512

9.2 – 620, Serial No. 018150523

9.3 – 620, Serial No. 018909176

Options Included:

No additional options included

Warranty: 6 months

Newly calibrated: no

35%

Discount

€ 5.385,00

€ 3.500,25

Article 10

RTM2054 Digital oscilloscope, 500MHz, 4 channels



Key facts:

- 2.5 GSamples/s
- 10 MSamples Memory
- Fast start up
- MSO, 16-channels

Model

10.1, - 607, Serial No. 101384

Options Included:

RTM -B1 Mixed signal

RTM-B10 GPIB interface

Warranty: 12 months

Newly calibrated: Yes

30%

Discount

€ 12.765,00

€ 8.900,00

Article 11

RTM2054 Digital oscilloscope 500MHz 4 channels

Key facts:

- Time analysis: high sensitivity of 1 mV/div to detect signals that would otherwise be lost in the noise
- Frequency analysis: reliable fault detection with integrated FFT and spectrum analysis with spectrogram option
- Logic analysis: 20 Msample with 5 Gsample/s for detailed analysis of digital signals



Model

11.1- 615, Serial No. 101981

Options Included:

RTM-B1: Mixed signal option

Warranty: 12 months

Newly calibrated: No

30%

Discount

~~€ 12.443,00~~

€ 8.710,00

Article 12

RTM2104 Digital oscilloscope, 1 GHz, 4 channels

Key facts:

- 2.5 GSamples/s
- 10 MSamples Memory
- Fast start up
- MSO, 16-channels



Model

12.1 – 607, Serial No. 100859

Options Included:

RTM-B1 Mixed signal option

Warranty: 12 months

Newly calibrated: Yes

30%

Discount

~~€ 14.828,00~~

€ 10.300,00

Article 13

RTE1022 Digital Oscilloscope, 200MHz, 2 channels



Key facts:

- 5 Gsample/s sampling rate and up to 40 Msample standard memory
- Full bandwidth even at 1 mV/div
- Up to 1 million waveforms/s even when performing measurements and analysis
- QuickMeas: key measurement results at the push of a button
- Mixed signal analysis with R&S® RTE-B1 mixed signal option

Model

13.1- 604, Serial No. 100851

Options Included:

RTE-K1: License key for I2C/SPI trigg.decode option

RTE-K5: License key for I2S/LJ/RJ/TDM serial triggering and decoding

RTE-B1: Mixed signal option

Warranty 12 months

Newly calibrated: no

50%

Discount

~~€ 11.396,00~~

€ 5.698,00

Article 14

RTE1024 Digital oscilloscope, 200MHz, 4 channels



Key facts:

- 5 Gsample/s, 10/40 Msample Memory
- 10.4" XGA touchscreen
- > 1 million waveforms/s
- Extremely low-noise frontend

Model

~~14.1- 607, Serial No. 101109~~ **SOLD !!**

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: Yes

50%

Discount

~~€ 6.330,00~~

€ 3.100,00

Article 15

RTE1054 Digital oscilloscope, 500MHz, 4 channels



Key facts:

- 5 Gsample/s, 10/40 Msample Memory
- 10.4" XGA touchscreen
- > 1 million waveforms/s
- Extremely low-noise frontend

Model

15.1 – 607, Serial No. 101136

Options Included:

RTE-B1 Mixed signal option
RTE-Z3 Soft case

Warranty 12 months

Newly calibrated: Yes

50%

Discount

~~€ 17.253,00~~

€ 8.600,00

Article 16

RTE1104 Digital oscilloscope, 1GHz, 4 channels



Key facts:

- 5 Gsample/s, 10/40 Msample Memory
- 10.4" XGA touchscreen
- > 1 million waveforms/s
- Extremely low-noise frontend

Model

16.1 – 607, Serial No. 101476

Options Included:

RTE-B1 Mixed signal
RTE-Z3 Soft case

Warranty: 12 months

Newly calibrated: Yes

40%

Discount

~~€ 20.751,00~~

€ 12.450,00

Article 17

RTE1204 Digital oscilloscope, 2GHz, 4 channels



Key facts:

- 5 Gsample/s, 10/40 Msample Memory
- 10.4" XGA touchscreen
- > 1 million waveforms/s
- Extremely low-noise frontend

Model

17.1 – 607, Serial No. 101080

Options Included:

RTE-B1 Mixed signal option

Warranty: 12 months

Newly calibrated: Yes

40%

Discount

€ 26.070,00

€ 15.600,00

Article 18

RTE1024 Digital Oscilloscope, 200MHz, 4 channels



Key facts:

- 5 Gsample/s sampling rate and up to 40 Msample standard memory
- Full bandwidth even at 1 mV/div
- Up to 1 million waveforms/s even when performing measurements and analysis
- QuickMeas: key measurement results at the push of a button
- Mixed signal analysis with R&S®RTE-B1 mixed signal option

Model

18.1- 615, Serial No. 101186

Options Included:

RTE-B1: Mixed signal option

RTE-B18: Replacement SSD, incl. firmware (WIN 7) (HW opt.)

Warranty: 12 months

Newly calibrated: no

30%

Discount

€ 10.774,00

€ 7.542,00

Article 19

RTE1054 Digital Oscilloscope, 500MHz, 4 channels



Key facts:

- 5 Gsample/s sampling rate and up to 40 Msample standard memory
- Full bandwidth even at 1 mV/div
- Up to 1 million waveforms/s even when performing measurements and analysis
- QuickMeas: key measurement results at the push of a button
- Mixed signal analysis with R&S®RTE-B1 mixed signal option

Model

19.1 – 604, Serial No. 101122

Options Included:

RTE-B1: Mixed signal option

Warranty 12 months

Newly calibrated: no

50%

Discount

~~€ 16.863,00~~

€ 8.432,00

Article 20

RTH1004 Handheld Digital oscilloscope, 500 MHz, 4 channels



Key facts:

- Handheld digital oscilloscope,
- 500 MHz bandwidth
- 4 channels
- Sampling rate 5 GSa/s
- Memory depth 500 kSa
- CAT IV 600 V
- Standard accessory: 4 passive 500 MHz probes (RT-ZI10), power adapter, battery

Model

20.1 – 620, Serial No. 100948

Options Included:

RTH-B244 500MHz Bandwidth

HA-Z220: Soft carrying bag

Warranty 12 months

Newly calibrated: no

45%

Discount

~~€ 6.681,96~~

€ 3.675,08

Article 21

RTH1002 Handheld Digital oscilloscope, 500 MHz, 2 channels



Key facts:

- Handheld oscilloscope
- Isolated channels, Cat IV
- 7" capacitive touchscreen
- Wireless LAN remote control ...

Model

21.1 – 607, Serial No. 101306

~~21.2 – 607, Serial No. 101308~~ **SOLD!!**

Options Included:

RTH-B224: 500 MHz Bandwidth

Warranty 12 months

Newly calibrated: Yes

30%

Discount

~~€ 5.580,00~~

€ 3.900,00

Article 22

RTH1004 Handheld Digital Oscilloscope, 500MHz, 4 channels



Key facts:

- 500 MHz with 5 Gsample/s sampling rate
- Isolated channels with CAT IV 600 V / CAT III 1000 V rating
- 50 000 waveforms per second
- 8 in 1: Lab performance oscilloscope, logic analyzer, protocol analyzer, data logger, digital multimeter, spectrum analyzer, harmonics analyzer and frequency counter

Model

22.1 – 604: Serial No. 100894

~~22.2 – 604: Serial No. 100913~~ **SOLD !!**

22.3 – 604: Serial No. 100916

22.4 – 604: Serial No. 100917

30%

Discount

Options Included:

RTH-B244: 500MHz bandwidth upgrade

Warranty 12 months

Newly calibrated: no

~~€ 5.930,00~~

€ 4.151,00

Article 23

RTH1004 Handheld Digital oscilloscope, 500 MHz, 4 channels



Key facts:

- Handheld oscilloscope
- Isolated channels, Cat IV
- 7" capacitive touchscreen
- Wireless LAN remote control

Model

23.1 – 607, Serial No. 100931

~~23.2 – 607, Serial No. 100932~~ **SOLD !!**

30%

Discount

Options Included:

RTH -B244: 500 MHz Bandwidth

Warranty 12 months

~~€ 5.930,00~~

Newly calibrated: Yes

€ 4.151,00

Article 24

RTO1024 Digital Oscilloscope, 2GHz, 4 channels



Key facts:

- Digital oscilloscope, 4 channels
- 2GHz bandwidth
- Sampling rate 10GSa/s per channel,
- Sample memory 20MSa per channel / max. 80MSa (1 channel)
- Four 500MHz passive voltage probes
- BNC trigger-out

Model

24.1 – 620, Serial No. 400263

45%

Discount

Options Included:

RTE-B1: Mixed signal option

RTO-B18: Replacement SSD

RTO-Z1: Front Cover

~~€ 29.421,86~~

€ 16.182,02

Article 25

RTO2014 Digital Oscilloscope, 1GHz, 4 channels



Key facts:

- Upgradable to 6 GHz bandwidths
- Up to 16-bit vertical resolution
- 1.000.000 waveforms/s
- Up to 20 Gsample/s

Model

25.1 – 604, Serial No. 100644

25.2 – 604, Serial No. 100645

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

30%

Discount

€ 21.505,00

€ 15.054,00

Article 26

RTO1044 Digital oscilloscope, 4GHz, 4 channels



Key facts:

- 20 GSamples/s
- 20/80 MSamples Memory
- 10.4" touchscreen
- MSO, 16-channels

Model

26.1 – 607, Serial No. 400530 **SOLD!!**

Options Included:

RTO-B1 Mixed signal
RTO-K1 I2C/SPI serial decoding
RTO-K2 RS-232/UART serial decoding
RTO-K17 High Definition mode

Warranty: 12 months

Newly calibrated: Yes

PLEASE NOTE, this is a discontinued product

60%

Discount

€ 37.800,00

€ 15.000,00

Article 27

RTO1044 Digital oscilloscope, 4GHz, 4 channels



Key facts:

- 20 GSamples/s
- 20/80 MSamples Memory
- 10.4" touchscreen

Model

~~27.1-607~~, Serial No. ~~400531~~ **SOLD !!**

Options Included:

RTO-K1 I2C/SPI serial decoding
RTO-K2 RS-232/UART serial decoding
RTO-K17 High Definition mode

Warranty: 12 months

Newly calibrated: Yes

PLEASE NOTE, this is a discontinued product

60%

Discount

~~€ 33.000,00~~

€ 13.000,00

Probes and Oscilloscope Accessories

Article 28

RT-ZS20 Active single-ended probe



Key facts:

- 1.5 GHz, active, 1 MΩ || 0.8 pF,
- R&S®ProbeMeter
- Micro button functionality
- Exceptionally low offset and gain errors
- These probes are the ideal accessory for Rohde & Schwarz oscilloscopes

Model

~~28.1-604~~, Serial No. ~~101590~~ **SOLD!!**

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

60%

Discount

~~€ 2.398,00~~

€ 959,00

Article 29

RT-ZS30 Active single-ended probe



Key facts:

- 3.0 GHz, active, 1 MΩ || 0.8 pF,
- R&S®ProbeMeter
- Micro button functionality
- Exceptionally low offset and gain errors
- These probes are the ideal accessory for Rohde & Schwarz oscilloscopes

Model

29.1 – 604, Serial No. 101322 **SOLD !!**

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

60%

Discount

~~€ 4.378,00~~

€ 1.751,00

Article 30

RT-ZS30 Active single-ended probe



Key facts:

- 3.0 GHz, active, 1 MΩ || 0.8 pF,
- R&S®ProbeMeter
- Micro button functionality
- Exceptionally low offset and gain errors
- These probes are the ideal accessory for Rohde & Schwarz oscilloscopes

Model

30.1 – 604, Serial No. 101960

30.2 – 604, Serial No. 101961

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

25%

Discount

~~€ 4.378,00~~

€ 3.284,00

Article 31

RT-ZD30 Active differential probe



Key facts:

- 3.0 GHz, active, differential
- 1 MΩ || 0.6 pF
- R&S®ProbeMeter
- Micro button
- These probes are the ideal accessory for Rohde & Schwarz oscilloscopes

Model

31.1 – 604, Serial No. 101616 **SOLD!!**

31.2 – 604, Serial No. 101617 **SOLD !!**

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

60%

Discount

€ 6.897,00

€ 2.759,00

Article 32

RT-ZD30 Active differential probe



Key facts:

- 3.0 GHz, active, differential
- 1 MΩ || 0.6 pF
- R&S®ProbeMeter
- Micro button
- These probes are the ideal accessory for Rohde & Schwarz oscilloscopes

Model

32.1 – 604, Serial No. 202112

32.2 – 604, Serial No. 202113

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

30%

Discount

€ 6.897,00

€ 4.828,00

Article 33

RT-ZC20B Current Probe



Key facts:

- DC to 120 MHz bandwidth
- maximum currents of 150 A (RMS)/300 A (Vp) with low inherent noise, for applications up to measurement category CAT III:
- An optional deskew and calibration test fixture for the current and voltage probes completes the portfolio

Model

33.1 – 604, Serial No. 101869 **SOLD !!**

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

25%

Discount

€ 3.960,00

€ 2.970,00

Article 34

RT-ZC20 100MHz Current Probe



Key facts:

- DC to 120 MHz bandwidth
- maximum currents of 150 A (RMS)/300 A (Vp) with low inherent noise, for applications up to measurement category CAT III:
- An optional deskew and calibration test fixture for the current and voltage probes completes the portfolio. Separate probe amplifier needed (not included).

Model

34.1 – 615, Serial No. 102865

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: no

25%

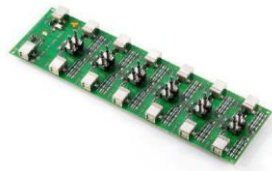
Discount

€ 3.300,00

€ 2.475,00

Article 35

RT-ZF1 USB 2.0 Compliance Test Fixture Set



Key facts:

- Incl. signal quality board; load board; 1.3 m USB 2.0 A to B cable (2); 20 cm USB 2.0 A to B cable (2); USB A to mini adapter; USB A to micro B adapter; 1.0 m SMA cable (2); carrying case; operating manual

Model

35.1 – 604, Serial No. 101145

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

30%

Discount

~~€ 2.255,00~~

€ 1.579,00

Article 36

RT-ZF2 Ethernet Compliance Test Fixture



Key facts:

- Incl. test fixture board; calibration board; 250 mm S/FTP Ethernet cable, SMA termination (3); carrying case; operating manual

Model

36.1 – 604, Serial No. 101034

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

30%

Discount

~~€ 2.222,00~~

€ 1.555,00

Article 37

RT-ZF20 Probe Deskew and Calibration Test Fixture



Key facts:

- Incl. test board; 1.3 m USB 2.0 A to B cable; carrying case; operating manual

Model

~~37.1—604, Serial No. 100971~~ **SOLD !!**

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

30%

Discount

~~€ 627,00~~

€ 439,00

Article 38

RT-ZA15 external attenuator



Key facts:

- The R&S RT-ZA15 is an external 10:1 attenuator for the R&S RT-ZD10/20/30 differential probe. It extends the input voltage range of the R&S RT-ZD10/20/30 probe. Both dynamic range and operating voltage window are increased.

Model

~~38.1—604, Serial No. 101569~~ **SOLD !!**

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

60%

Discount

~~€ 1.062,00~~

€ 425,00

Article 39

RT-ZZ80 Passive Broadband Probe**Key facts:**

Low noise, high linearity and a purely passive implementation make passive broadband probes an economical solution for measuring controlled impedance lines.

- The compact design facilitates measurements on densely packed printed boards.

Model

39.1 – 604, Serial No. 101114

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

50%

Discount

~~€ 2.002,00~~**€ 1001,00****Signal & Spectrum Analysis**

Article 40

HMS3000 Spectrum Analyzer, 3GHz**Key facts:**

- Amplitude measurement range: -114 dBm to +20 dBm
- Sweep time: 20 ms to 1000 s
- Resolution bandwidth: 100 Hz to 1 MHz in 1/3 steps, 200 kHz (-3 dB); additionally (200 Hz), 9 kHz, 120 kHz, 1 MHz (-6 dB)
- Spectral purity < -100 dBc (1 Hz) (at 100 kHz)

Model

~~40.1 – 604, Serial No. 101787~~ **SOLD !!**

Options Included:

HO730 USB/LAN Interface
Preamplifier

Warranty 6 months

Newly calibrated: no

PLEASE NOTE, this is a discontinued product

60%

Discount

~~€ 2.956,00~~**€ 1.182,00**

Article 41

HMS-X Spectrum Analyzer, 3GHz



Key facts:

- 100kHz to 1.6GHz, -104dBm to +20dBm
- RBW: 10kHz to 1MHz, VBW: 1kHz to 1MHz
- AM/FM demodulator, 6.5" VGA TFT
- USB/RS-232, incl. software

HMS-X

41.1 – 620, Serial No. 020011634

Options Included:

HMS-3G: 3GHz extension

HMS-EMC: EMC option incl. preamplifier

HMS-TG: Tracking generator

Warranty 6 months

Newly calibrated: no

20%

Discount

€ 4.966,00

€ 3.972,80

Article 42

FSC3 Spectrum Analyzer, 9 kHz to 3 GHz



Key facts:

- High sensitivity (< -141 dBm (1 Hz))
- Low measurement uncertainty (< 1 dB)
- Low power consumption (12 W)
- High third order intercept (> 10 dBm, typ. 15 dBm)

Model

42.1 – 607, Serial No. 101578

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: Yes

50%

Discount

€ 6.699,00

€ 3.350,00

Article 43



Spectrum Rider - FPH Handheld Spectrum Analyzer

Key facts:

- 5kHz to 2GHz
- Upgradable to 3 and 4GHz versions via keycode
- Ideal for field use: 8 hour battery life, 2.5 kg (5.5 lb) weight, backlit keypad, fast boot time, non-reflective display, small footprint, ruggedized housing
- Solid RF performance
- Measurement wizard that supports measurement campaigns speeds up measurements and avoids errors

Model

43.1 – 607, Serial No. 101135 **SOLD !!**

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: Yes

30%

Discount

€ 4.620,00

€ 3.230,00

Article 44



Spectrum Rider - FPH Handheld Spectrum Analyzer

Key facts:

- 5kHz to 2GHz
- Upgradable to 3 and 4GHz versions via keycode
- Ideal for field use: 8 hour battery life, 2.5 kg (5.5 lb) weight, backlit keypad, fast boot time, non-reflective display, small footprint, ruggedized housing
- Solid RF performance
- Measurement wizard that supports measurement campaigns speeds up measurements and avoids errors

Model

44.1 – 604, Serial No. 101190

44.2 – 604, Serial No. 101191

44.3 – 604, Serial No. 101193

44.4 – 604, Serial No. 101194

Options Included:

HA-Z220 – Soft carrying bag

HA-Z350 – Logarithmic-Periodic OEM Antenna
(Frequency range 700MHz – 4GHz)

Warranty 12 months

Newly calibrated: no

30%

Discount

€ 5.978,00

€ 4.185,00

Article 45

Spectrum Rider - FPH Handheld Spectrum Analyzer



Key facts:

- Handheld Spectrum Analyzer
- 5kHz-2GHz
- ECCN : N/A (in line with §734.4b EAR)
(includes Microsoft Windows software)

Model

45.1 -620, Serial No. 101083

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

25%

Discount

~~€ 4.605,28~~

€ 3.453,96

Article 46

FSH8 Handheld Spectrum Analyzer, 100kHz to 8GHz



Key facts:

- With preamplifier, tracking generator and VSWR bridge
- High sensitivity (< -141 dBm (1 Hz), with preamplifier < -161 dBm (1 Hz))
- 20 MHz demodulation bandwidth for analyzing LTE signals
- Low measurement uncertainty (< 1 dB)
- Rugged, splash-proof housing for rough work in the field

Model

46.1 – 604, Serial No. 115397

Options Included:

FSH-Z28: Load/short/open calibration standard; DC to 8GHz, N connector

Warranty 12 months

Newly calibrated: no

40%

Discount

~~€ 18.739,00~~

€ 11.243,00

Article 47

FSV7 Signal & Spectrum Analyzer, 10 Hz to 7 GHz



Key facts:

- Convenient, intuitive operation with touchscreen
- 0.4 dB level measurement uncertainty
- -110 dBc (1 Hz) phase noise
- DANL 155 dBm

Model

47.1 – 607 - Serial No. 102420

Options Included:

FSV-B4 OCXO, precision frequency

FSV-B22 RF Preamplifier 20 dB, 9 kHz to 7 GHz

FSV-K10 Analysis of GSM, EDGE and EDGE evolution signals

FSV-K72 Analysis of 3GPP-FDD base station signals incl. HSPA+

FSV-K100 Analysis of EUTRA/LTE FDD downlink signals

Warranty: 12 months

Newly calibrated: Yes

40%

Discount

~~€ 75.944,00~~

€ 45.500,00

Article 48

FSVA13 Signal & Spectrum Analyzer, 13.6GHz



Key facts:

- Up to 160MHz signal analysis bandwidth
- 0.4 dB level measurement uncertainty up to 7 GHz
- Low displayed average noise level (DANL) (e.g. typ. -168 dBm (1 Hz) for the R&S®FSVA)
- High third-order intercept (TOI) (e.g. typ. 20 dBm for the R&S®FSVA)
- Very low phase noise (e.g. typ. -118 dBc (1 Hz) at 1 GHz and 10 kHz offset for the R&S®FSVA)

Model

48.1 – 604, Serial No. 101115

Options Included:

FSV-B24: RF preamplifier 9kHz to 13GHz

Warranty 12 months

Newly calibrated: no

25%

Discount

~~€ 42.801,00~~

€ 32.101,00

Article 49

FSW26 Signal- and Spectrum Analyzer, 2Hz to 26GHz

Key facts:

- 2 Hz to 26.5 GHz
- -153 dBm to 30 dBm,
- Resolution bandwidth 1 Hz to 10 MHz,
- 12.1 in colour touch screen



FSW26

49.1 – 620, Serial No. 103354

Options Included:

FSW-B160R Real-time spectrum analyzer, 160 MHz (HW opt.)
 FSW-B18 Solid state drive, 64GB
 FSW-B24 RF preamplifier, 30dB
 FSW-B25 Electronic attenuator, 13.6GHz,
 FSW-B71 Analog base band inputs, analysis bandwidth 40MHz
 FSW-B8 Resolution bandwidth >10MHz (HW opt.)
 FSW-U2000 Upgrade to 2 GHz signal analysis bandwidth R&S®FSW26

30%
Discount

Warranty 12 months

~~€ 145.744,20~~

Newly calibrated: no

€ 102.020,94

Article 50

FSW26 Signal & Spectrum Analyzer, 2Hz to 26GHz

Key facts:

- Low phase noise of -137 dBc
- -88 dBc dynamic range
- < 0.4 dB total measurement uncertainty
- High-resolution 12.1" touchscreen



Model

50.1 – 607, Serial No. 103223

Options Included:

FSW-B18 Solid state drive, 64GB
 FSW-B24 RF preamplifier, 30dB
 FSW-B25 Electronic attenuator, 13.6GHz,
 FSW-B71 Analog base band inputs, analysis bandwidth 40MHz,
 FSW-B71E 80MHz analysis bandwidth
 FSW-B160 Extension to 160MHz signal analysis bandwidth,

30%
Discount

Warranty: 12 months

~~€ 82.280,00~~

Newly calibrated: Yes

€ 57.600,00

Article 51

FSWP26 Phase Noise Analyzer and VCO Tester



Key facts:

- Phase noise analyzer and VCO tester
- 1 MHz to 26.5 GHz
- Optionally with cross correlation and spectrum analyzer

Model

51.1 – 620, Serial No. 101160

Options Included:

FSWP-B1 Spectrum analyzer 10 Hz to 26 GHz
 FSWP-B4 High stability OCXO
 FSWP-B8 Resolution bandwidth >10 MHz
 FSWP-B24 RF Preamplifier, 20 dB, 100 kHz to 26 GHz
 FSWP-B60 Cross correlation 1 MHz to 26 GHz
 FSWP-B64 Additive phase noise measurements
 FSWP-B21 Support for harmonic mixers for FSWP

30%
Discount

Warranty 12 months

~~€ 191.065,32~~

Newly calibrated: no

€ 133.745,72

Article 52

Advantest U3851 Cross Domain Spectrum 9kHz to 8GHz



Key facts:

- 40 MHz bandwidth
- Two channel phase synchronization
- Two channel simultaneous measurement

Model

~~52.1 – 607, Serial No. 210900030~~ **SOLD !!**

Options Included:

No additional options included

Warranty: 6 months

Newly calibrated: Yes

70%
Discount

~~€ 36.000,00~~

PLEASE NOTE, this is a discontinued product

€ 10.800,00

Network Analysis**Article 53****ZVH4 Handheld cable and antenna analyzer****Key facts:**

- 100kHz to 3.6GHz
- 100 dB (typ.) dynamic range for filter and antenna isolation measurements
- Factory calibration over entire frequency range
- Can be upgraded with spectrum analysis.

Model

~~53.1 - 604, Serial No. 115543~~ **SOLD !!**

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: no

30%
Discount

~~€ 6.974,00~~

€ 4.882,00

Article 54**ZVH4 Handheld cable and antenna analyzer****Key facts:**

- 100kHz to 3.6GHz
- 100 dB (typ.) dynamic range for filter and antenna isolation measurements
- Factory calibration over entire frequency range
- Can be upgraded with spectrum analysis.

Model

~~54.1 - 620, Serial No. 102986~~ **SOLD !!**

Options Included:

FSH-Z29 Load/short/open calibration standard; DC to 4GHz, N connector
FSH-Z320 RF cable (1m), DC to 8GHz, connectors N(m)/N(f)
HA-Z220 Soft carrying bag
HA-Z232 SD memory card 8GB (acc.)

Warranty: 12 months

Newly calibrated: no

30%
Discount

~~€ 8.018,07~~

€ 5.612,65

Article 55

ZVH8 – Cable & antenna tester 8GHZ



Key facts:

- Frequency range from 100 kHz to 3.6 GHz or 8 GHz
- 100 dB (typ.) dynamic range for filter and antenna isolation measurements
- Factory calibration over entire frequency range
- Can be upgraded with spectrum analysis.

Model

~~55.1 – 615, Serial No. 115227~~ **SOLD !!**

Options Included:

HA-Z220: Soft Carrying Bag

Warranty: 12 months

Newly calibrated: No

20%
Discount

€ 7.100,00

€ 5.600,00

Article 56

ZNC3 Network Analyzer, 9kHz to 3 GHz, 2 ports



Key facts:

- Dynamic range of up to 130 dB
- IF bandwidths from 1 Hz to 300 kHz
- Wide power sweep range from -50 dBm to +13 dBm (typ.)
- Large, high-resolution 12.1" touchscreen

Model

~~56.1 – 607 Serial No. 101450~~ **SOLD !!**

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: Yes

40%
Discount

23.936,00

14.300,00

Article 57

ZVB4 – 4-port vector network analysis

Key facts:



- Medium-class network analyzer featuring outstanding performance
- Overrange up to 150 kHz (unspecified and without calibration ex factory)

Model

57.1 – 615, Serial No. 100233

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: yes

50%
Discount

~~€ 35.000,00~~

€17.500,00

Article 58

ZNB8 Vector Network Analyzer, 4 ports, 9kHz - 8.5GHz

Key facts:

- 4 ports
- 9kHz - 8.5GHz
- N(f) connectors



Model

58.1 – 620, Serial No. 101491

58.2 – 620, Serial No. 101609

Options Included:

ZNB-B2 Second internal generator
ZNB-B10 GPIB interface
ZNB-B24 Extended power range down to -80dBm
ZNB-B31 Receiver step attenuator port1
ZNB-B32 Receiver step attenuator port2
ZNB-B33 Receiver step attenuator port3
ZNB-B34 Receiver step attenuator port4

40%
Discount

Warranty: 12 months

Newly calibrated: no

~~€ 69.498,84~~

€ 41.699,30

Article 59

ZNB8 Network Analyzer, 9kHz to 8.5GHz, 4 ports



Key facts:

- Wide dynamic range of up to 140 dB
- Short sweep times, e.g. 4 ms for 401 points
- High temperature stability of typ. 0.01 dB/°C
- Wide power sweep range of 98 dB
- Wide range of IF bandwidths from 1 Hz to 10 MHz
- Manual and automatic calibration

Model

59.1 – 604, Serial No. 102911

Options Included:

ZNB8-B54: Extended dynamic range (HW opt.)

Warranty 12 months

Newly calibrated: no

30%

Discount

~~€ 55.363,00~~

€ 38.754,00

Article 60

ZNB20 Network Analyzer, 100kHz to 20GHz, 4 ports



Key facts:

- Wide dynamic range of up to 140 dB
- Short sweep times, e.g. 4 ms for 401 points
- Wide power sweep range of 98 dB
- Large, high-resolution 12.1" touchscreen

Model

60.1 – 607, Serial No. 101773

Options Included:

ZNB20-B2 Second internal generator

Warranty: 12 months

Newly calibrated: Yes

30%

Discount

~~€ 73.100,00~~

€ 51.100,00

Article 61

ZVA24 Vector network analyzer, 4 ports, 10 MHz - 24 GHz

Key facts:

- 4 ports
- 10 MHz - 24 GHz

ZVA24

61.1 -620, Serial No. 100217



Options Included:

ZVA24-B31 Receiver attenuator port 1; 35 dB in 5-dB-steps, 24 GHz
 ZVA24-B32 Receiver attenuator port 2; 35 dB in 5-dB-steps, 24 GHz
 ZVA24-B33 Receiver attenuator port 3; 35 dB in 5-dB-steps, 24 GHz
 ZVA24-B34 Receiver attenuator port 4; 35 dB in 5-dB-steps, 24 GHz
 ZVA24-B24 Generator attenuator port 4; 70 dB in 10-dB-steps, 24 GHz
 ZVA24-B23 Generator attenuator port 3; 70 dB in 10-dB-steps, 24 GHz
 ZVA24-B22 Generator attenuator port 2; 70 dB in 10-dB-steps, 24 GHz
 ZVA24-B21 Generator attenuator port 1; 70 dB in 10-dB-steps, 24 GHz
 ZVA24-B16 Direct generator/receiver access for 4-port ZVA24
 ZVAB-B14 Universal control interface - Handler I/O Port
 ZVA-B9 Cable set for ZVA-K9 (ZVA24, ZVA40 (2.9mm))
 B9 Cable set for ZVA-K9 (ZVA24, ZVA40 (2.9mm))
 U116

45%
Discount

Warranty: 12 months

~~€ 144.329,26~~

Newly calibrated: no

€ 79.381,09

Article 62

ZVA40 Vector Network Analyzer**Key facts:**

- 4 ports
- 4 generators
- 10MHz to 40GHz
- 2.92 mm(m) connectors

Model

62.1 - 620, Serial No. 101510

**Options Included:**

ZVA-B8 Control unit for external electronic attenuators

ZVA-B16 Direct Generator and Receiver Access for 4-port ZVA40

ZVA40-B21 Generator Step Attenuator Port 1;mech.,70dB/10dB-steps

ZVA40-B22 Generator Step Attenuator Port 2;mech.,70dB/10dB-steps

ZVA40-B23 Generator Step Attenuator Port 3;mech.,70dB/10dB-steps

ZVA40-B24 Generator Step Attenuator Port 4;mech.,70dB/10dB-steps

ZVA40-B31 Generator Step Attenuator Port 1;mech.,70dB/10dB-steps

ZVA40-B32 Generator Step Attenuator Port 2;mech.,70dB/10dB-steps

ZVA40-B33 Generator Step Attenuator Port 3;mech.,70dB/10dB-steps

ZVA40-B34 Generator Step Attenuator Port 4;mech.,70dB/10dB-steps

ZVAB-B4 Option: Oven quartz (OCXO) for ZVA, ZVB, ZVT

ZVA-B9 Cable set for ZVA-K9 (ZVA24, ZVA40 (2.9mm))

Warranty: 12 months**Newly calibrated:** no
45%
Discount
~~€ 203.347,86~~**€ 111.841,32****Network Analysis - Accessories**

Article 63

ZN-Z151 Calibration Unit**Key facts:**

- 50 Ohm
- 100kHz – 8.5GHz
- 4 ports, 3.5mm(f)

Model~~63.1 – 604, Serial No. 101462~~ **SOLD !!****Options Included:**

No additional options included

Warranty 12 months**Newly calibrated:** yes
30%
Discount
~~€ 4.015,00~~**€ 2.811,00**

Article 64



ZCAN Calibration Kit

Key facts:

- Type N
- 50 Ohm
- 0 – 3 GHz

Model

64.1 – 604, Serial No. 100225

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

60%

Discount

~~€ 2.200,00~~

€ 880,00

Article 65



ZV-Z135 Calibration Kit, 3.5mm(f)

Key facts:

- 0 Hz – 15 GHz
- Open, Short, Match, Through combination

Model

65.1 – 604, Serial No. 102854

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

30%

Discount

~~€ 1.804,00~~

€ 1.263,00

Article 66

ZV-Z170 Calibration Kit, N(m)



Key facts:

- 0 Hz – 9 GHz
- Open, Short, Match, Through combination

Model

66.1 – 604, Serial No. 101105 **SOLD !!**

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

60%

Discount

~~€ 1.441,00~~

€ 576,00

Article 67

ZV-Z51 Calibration unit



Key facts:

- 300kHz to 8GHz
- 4 port N(f)

Model

67.1 – 604, Serial No. 100239

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: yes

50%

Discount

~~€ 10.971,00~~

€ 5.486,00

Function and Signal Generators

Article 68

HM2550 Arbitrary Function Generator



Key facts:

- Frequency range: 10 μ Hz to 25/50 MHz
- Output voltage: 5 mV to 10 V, DC offset: $\pm$ 5 mV to 5 V
- Arbitrary waveform generator: 250 Msample/s, 14 bit, 256 kpoint

Model

~~68.1 – 607~~, Serial No. 012376703 **SOLD !!**

Options Included:

No additional options included

Warranty: 6 months

Newly calibrated: Yes

60%

Discount

~~€ 1.750,00~~

€ 700,00

Article 69

HM8150 Arbitrary function generator



Key facts:

- 10mHz...12.5MHz, 10mVpp...10Vpp @ 50 Ω ,
- 5 signal waveforms and arbitrary,
- internal sweep, AM, USB/RS-232,
- incl. software

Model

69.1 – 620, Serial No. 020047330

Options Included:

No additional options included

Warranty: 6 months

Newly calibrated: no

25%

Discount

~~€ 950,00~~

€ 712,50

Article 70

SMU200A Vector signal generator, 100kHz to 3GHz

Key facts:

- Support of 3GPP LTE FDD and TDD, LTE Advanced, 3GPP FDD/HSPA/HSPA+, and all other important digital standards
- Optional fading simulator with up to 40 fading paths



Model

70.1 – 615, Serial No. 101884

Options Included:

SMU-B103 100KHz 3GHz RF Generator
 SMU-B13 Baseband main module
 SMU-B13 Baseband main module
 SMU-B10 Baseband generator 64MS/80MHz
 SMU-B11 Baseband generator 16MS/80MHz
 SMU-B17 Baseband input
 SMU-B22 Enhanced phase noise performance +FM/PM
 SMU-K80 SMU-K80 Bit err.rate test.

Warranty: 12 months

Newly calibrated: yes

PLEASE NOTE, this is a discontinued product

63%
Discount

~~€ 46.374,00~~

€ 17.111,00

Article 71

SMU200A Vector signal generator, 100kHz – 3GHz

Key facts:

- Outstanding RF performance
- I/Q modulator with 200 MHz RF bandwidth
- Intuitive operation

Model

71.1 – 607, Serial No. 103041

Options Included:

SMU-B103 Frequency range 100 kHz - 3GHz
 SMU-B11 Baseband generator with digital mod. and ARB
 SMU-B13 Baseband Main Module
 SMU-B17 Analog/Digital Baseband Inputs
 SMU-K40 Digital standard GSM/EDGE
 SMU-K42 Digital standard 3GPP FDD
 SMU-K44 Digital standard GPS
 SMU-K48 Digital standard IEEE 802.11 (a/b/g)
 SMU-K55 Digital standard LTE/EUTRA
 SMU-K61 Multicarrier CW signal generation
 SMU-K65 Assisted GPS

Warranty: 6 months

Newly calibrated: Yes

PLEASE NOTE, this is a discontinued product

75%
Discount

~~€ 60.000,00~~

€ 15.000,00



Article 72

SGT100A SGMA Vector RF Source

Key facts:

- SGMA Vector RF source
- 1 MHz to 3 GHz RF
- Baseband hardware included

Model

72.1 – 620, Serial No. 102066

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: no

25%
Discount

~~€ 14.870,32~~

€ 11.152,74



Article 73

SGT100A SGMA Vector RF Source



Key facts:

- 1 MHz to 3 GHz RF (Incl. freq. extension to 6GHz)
- Fastest vector signal generator with frequency and level switchover times of 240 µs (typ.) for optimized throughput in production
- Smallest standalone vector signal generator up to 6 GHz with integrated baseband generator (1 HU ½ 19")
- Including power cable, quick start guide and CD-ROM (with operating and service manual)

Model

73.1 – 604, Serial No. 101776

Options Included:

SGT-B1: Reference Oscillator OCXO

SGT-KB106: Frequency extension to 6 GHz

Warranty 12 months

Newly calibrated: no

40%

Discount

€ 20.977,00

€ 12.586,00

Article 74

SMC100A Signal Generator



Key facts:

- Maximum output level of typ. > +17 dBm
- Optional high-stability reference oscillator
- Analog modulation modes (AM/FM/PM/pulse) integrated as standard
- Integrated overvoltage protection

Model

74.1 – 604, Serial No. 105184

Options Included:

SMC-B1: Reference oscillator

SMC-B103: Frequency range 9kHz to 3.2GHz

SMC-K4: GPIB/IEEE488 interface

Warranty 12 months

Newly calibrated: no

40%

Discount

€ 8.553,00

€ 5.132,00

Article 75

SMBV100A Vector Signal Generator



Key facts:

- Support of 3GPP LTE FDD and TDD, 3GPP FDD/HSPA/HSPA+, GSM/EDGE/EDGE Evolution, TD-SCDMA, WLAN, WiMAX™ and all other important digital standards
- RF bandwidth of up to 160 MHz with internal baseband generator
- I/Q modulator with 528 MHz RF bandwidth

Model

75.1 – 604, Serial No. 261592

Options Included:

DCV-2: Documentation of calibration values

SMBV-B10: Baseband Generator

SMBV-B106: Frequency range from 9 kHz to 6 GHz

SMBV-B92: Hard Disk (removable)

Warranty 12 months

Newly calibrated: no

40%

Discount

€ 36.515,00

€ 21.909,00

Article 76

SMBV100A Vector Signal Generator



Key facts:

- Vector Signal Generator
- Base Unit

Model

76.1 – 620, Serial No. 260060

Options Included:

SMBV-B10: Baseband Generator

SMBV-B106: Frequency range from 9 kHz to 6 GHz

SMBV-B92: Hard Disk (removable)

Warranty 12 months

Newly calibrated: no

30%

Discount

€ 35.357,36

€ 24.750,15

Article 77

SMW200A 2x6 GHz RF bath

Key facts:

- Versatile configuration: from single-path vector signal generator to multichannel MIMO receiver tester
- Modular architecture for optimal adaptation to the application at hand
- Easy generation of complex signals
- Wideband baseband and vector signal generator in one box



Model

77.1 – 607, Serial No. 101818

Options Included:

SMW-B10 x2 Baseband generator with real time coder and ARB

SMW-B13T Signal routing and baseband main module, two I/Q paths

SMW-B14 x4 Fading simulator

SMW-B22 Enhanced phase noise performance and FM/Phim modulator

SMW-B90 Phase coherence

SMW-B106 Frequency range : 100kHz to 6GHz

SMW-B206 2nd Frequency range : 100kHz to 6GHz

Warranty: 12 months

Newly calibrated: Yes

30%
Discount

€ 174.500,00

€ 122.150,00

EMC & Field Strength

Article 78

HM6050-2 Two-Line V-Network (LISN)

Key facts:

- Single-phase V-network to measure line-conducted interferences from 10 kHz to 30 MHz
- Selectable transient limiter
- Artificial hand connector
- RS-232 interface for remote control



Model

78.1 – 604, Serial No. 101368

78.2 – 604, Serial No. 101556

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

35%
Discount

€ 1.200,00

€ 780,00

Article 79

ENV216 Two-Line V-Network (LISN)



Key facts:

- Frequency range 9 kHz to 30 MHz
- Power-handling capacity up to 16 A, constant current (country-specific)
- Simulated impedance ($50 \mu\text{H} + 5 \Omega$) || 50Ω in line with CISPR 16-1-2 Amd. 2:2006
- V-network in line with CISPR, EN, VDE, ANSI, FCC Part 15 and MIL-STD-461 D, E and F
- Calibrated in line with CISPR 16-1-2 and ANSI C63.4

Model

79.1 – 604, Serial No. 102091

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

30%

Discount

€ 2.706,00

€ 1.894,00

Article 80

ESR7 Test Receiver, 10Hz to 7GHz



Key facts:

- Compliant with CISPR 16-1-1 Ed. 3.1
- Preselection with integrated 20 dB preamplifier
- Ultrafast time domain scan (option) or conventional stepped frequency scan
- Automatic test routines

Model

80.1 – 607, Serial No. 101077

Options Included:

ESR-B29 10Hz frequency extension,
ESR-B50 Hardware for Time Domain Scan and real-time measurements
ESR-K53 Time-Domain-Scan, FFT based scan

Warranty: 12 months

Newly calibrated: Yes

30%

Discount

€59.140,00

€41.400,00

Broadcasting T&M

Article 81

DVMS1 DTV Monitoring System**Key facts:**

- Simultaneous monitoring of up to four signals
- RF modules for DVB-T/DVB-T2 and DVB-S/DVB-S2
- IP module for electrical and optical (SFP) connections
- Support for DVB, ATSC and ISDB-T/ISDB-TB transport streams
- T2-MI and BTS support

**Model**

81.1 – 620, Serial No. 101453

Options Included:

DVMS-53 DVB-T / H receiver module
 DVMS-PK01 Monitoring option package
 DVMS-PK02 Analysis option package
 DVMS-K1 TS Monitoring

Warranty 12 months**Newly calibrated:** no
50%
 Discount
~~€ 10.673,48~~**€ 5.336,74**

Article 82

DVMS1 Digital TV Monitoring System**Key facts:**

- RF modules for DVB-T/DVB-T2 and DVB-S/DVB-S2
- IP module for electrical and optical (SFP) connections
- Support for DVB, ATSC and ISDB-T/ISDB-TB transport streams
- Modular and extremely compact design (1 HU)

**Model**

82.1 – 604, Serial No. 101745

Options Included:

DVMS-B55 - DVB-T/T2 receiver module

Warranty 12 months**Newly calibrated:** no
60%
 Discount
~~€ 2.291,00~~**€ 916,00**

Article 83

DVMS4 Digital TV Monitoring System

Key facts:

- RF modules for DVB-T/DVB-T2 and DVB-S/DVB-S2
- IP module for electrical and optical (SFP) connections
- Support for DVB, ATSC and ISDB-T/ISDB-T_B transport streams
- Modular and extremely compact design (1 HU)



Model

83.1 – 604, Serial No. 101351

Options Included:

DVMS-B40 – IP Module
DVMS-B55 - DVB-T/T2 receiver module
DVMS-K1 – TS Monitoring

Warranty 12 months

Newly calibrated: no

60%

Discount

~~€ 7.272,00~~

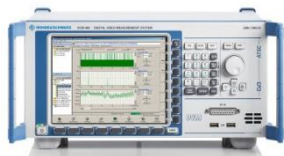
€ 2.909,00

Article 84

DVM400 Digital Video Measurement System

Key facts:

- Extensive range of RF receiver modules
- IP interface
- Extensive monitoring features
- In-depth analysis functions
- Multi stream capability



Model

84.1 – 620, Serial No. 100681

Options Included:

DVM400-B1 MPEG analysis board
DVM400-B30 Video and audio hardware dec.
DVM400-B500 RF carrier board and decoder extension
DVM-B50 Demodulator module
DVM-B51 DVB-S / DVB-S2 receiver module
DVM-B52 DVB-T / DVB-H receiver module
DVM-B40 Gigabit Ethernet Module, IP measurements and TS generator

Warranty 12 months

Newly calibrated: no

50%

Discount

~~€ 34.399,68~~

€ 17.199,84

Article 85

SFC-U USB Compact Modulator

Key facts:

- USB Compact Modulator
- Basic instrument
- Coder option (s) required

Model

85.1 – 620, Serial No. 101285

Options Included:

LIB-K70: DVB, ATSC, ISDB-T, Basic TS-library
 SFC-U-K22: Transport stream player
 SFC-U-K23: Analog TV video generator
 SFC-U-K40: Noise generator AWGN
 SFC-U-K80: Digital I/Q input
 SFC-U-K84: Electronic attenuator, 0 to 110 dB
 SFC-U-PK1: Option package terrestrial TV, realtime coders
 SFC-U-PK2: Option package cable TV, realtime coders
 SFC-U-PK4: Option package T2/C2, realtime coders

Warranty 12 months

Newly calibrated: no

30%
Discount

~~€ 8.530,00~~

€ 5.971,00



Article 86

SFC Compact Modulator

Key facts:

- Compact Modulator
- Basic instrument
- Coder option(s) required

Model

86.1 – 620, Serial No. 100264

Options Included:

SFC-B15: Coder extension
 LIB-K70: DVB, ATSC, ISDB-T, Basic TS-library (SL)
 SFC-K1: DVB-T DVB-H, realtime coder
 SFC-K2: DVB-C ISDB-C, realtime coder
 SFC-K16: DVB-T2, realtime coder
 SFC-K22: Transport stream player
 SFC-K23: Analog TV video generator
 SFC-K80: Digital I/Q input
 SFC-K40: Noise generator AWGN
 SFC-K84: Electronic attenuator, 0 to 110 dB

Warranty 12 months

Newly calibrated: no

30%
Discount

~~€ 15.690,00~~

€ 10.983,00



Article 87

SFE Broadcast tester

Key facts:

- Unlimited standards in a single instrument
- Multistandard test transmitter
- Frequency range up to 2700 MHz



Model

87.1 – 615, Serial No. 121119

Options Included:

SFE-B3 Memory Extension
SFE-K1 DVB-T/H

Warranty: 12 months

Newly calibrated: No

40%
Discount

~~€ 17.000,00~~

€ 10.200,00

Article 88

DVSG Digital video signal generator

Key facts:

- Digital and analog video and audio output
- HDTV and SDTV formats up to 1080p, PC formats up to WUXGA
- Reference source for moving sequences



Model

88.1 – 615, Serial No. 100522

Options Included:

DVSG-B30 Broadcast signal player
DVSG-K10 Audio/video signal player
DVSG-K20 Transport stream player/recorder

Warranty: 12 months

Newly calibrated: No

40%
Discount

~~€ 15.000,00~~

€ 9.000,00

Article 89



ETH Handheld TV analyser. 3.6 GHZ + TG

Key facts:

- TV, spectrum and network analyzer in a single box
- Frequency range up to 3.6 GHz
- High-precision demodulator (MER typ. 45 dB)
- Tracking Generator

Model

89.1 – 615, Serial No. 101768

Options Included:

ETH-K1 Preselection up to 3.6GHz

ETH-K140 DVB-T/H Test Receiver

Warranty: 12 months

Newly calibrated: No

45%
Discount

~~€ 15.032,00~~

€ 8.250,00

Article 90



EFL340 Portable TV Test receiver

Key facts:

- Frequency range from 5 MHz to 2500 MHz
- MPEG-2 and MPEG-4 decoding
- DVB-S/S2, DVB-T/T2/H, DVB-C Decoding/demodulation
- Common Interface for encrypted programs
- Transport stream input/output via ASI

Model

90.1 – 615, Serial No. 101361

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: No

50%
Discount

~~€ 6.055,00~~

€ 3.027,00

Article 91

EFL340 Portable TV Test Receiver



Key facts:

- Frequency range from 5 MHz to 2500 MHz
- MPEG-2 and MPEG-4 decoding
- Common Interface for encrypted programs
- 5.7" TFT color display for SD and HD video output
- Battery operation > 4 hours

Model

91.1 – 604, Serial No. 101848 **SOLD!!**

91.2 – 604, Serial No. 101849

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

50%

Discount

~~€ 6.055,00~~

€ 3.028,00

Article 92

EFL340 Portable TV Test Receiver



Key facts:

- Cable, satellite and terrestrial TV
- DVB-T2/T/H, DVB-C, DVB-S2/S, analog TV,
- MPEG-2 and MPEG-4 decoding
- ASI and LAN interface

Model

92.1 – 620, Serial No. 101358

92.2 – 620, Serial No. 101528

Options Included:

No additional options

Warranty 12 months

Newly calibrated: no

40%

Discount

~~€ 7.310,00~~

€ 4.386,00

Article 93

ETL TV Analyzer

Key facts:

- 500 kHz to 3 GHz
- with tracking generator

Model

93.1 – 620, Serial No. 103733



Options Included:

ETL-K240: DVB-T/H Firmware
 ETL-K340: DVB-T2 Firmware
 ETL-B203: RF Preselector, 75 Ohm input, signal splitter for ETL-B310
 ETL-B310: FPGA Ext. Board, High SNR FM
 ETL-B280: MPEG Processing Board
 ETL-B281: Video and Audio Hardware Decoder
 ETL-K282: MPEG Analysis/Monitoring
 ETL-K110: FM(radio) Firmware
 ETL-B4: OCXO reference frequency
 ETL-B5: Additional interfaces video/IF-output, power meter
 ETL-B7: Narrow resolution filters 10 Hz - 300 Hz
 ETL-K9: Power sensor measurements with NRP power heads

40%
Discount

Warranty 12 months

~~€ 64.802,10~~

Newly calibrated: no

€ 38.881,26

Power Supplies

Article 94

NGMO2 Dual Channel Power Supply

Key facts:

- Accurate high-speed voltage source
- Programmable DC load
- Precise digital voltmeter
- Transient recorder

Model

94.1 – 607, Serial No. 101300

94.2 – 607, Serial No. 101301



40%
Discount

Options Included:

NGMO-B5 Switch box, including current sniffer SW

Warranty: 12 months

~~€ 4.917,00~~

Newly calibrated: Yes

€ 2.950,00

Article 95

HMP2020 Two channel Power Supply



Key facts:

- 1 × 0 V to 32 V/0 A to 10 A; 1 × 0 V to 32 V/0 A to 5 A (188 W)
- Low residual ripple due to linear post regulators
- Realtime voltage, current and power values
- EasyArb function directly programmable on device

Model

95.1—604, Serial No. 101990 **SOLD !!**

Options Included:

HO732: Dual interface (Ethernet/USB)

Warranty 6 months

Newly calibrated: no

30%
Discount

€ 1.316,00

€ 921,00

Article 96

HMP4030 Programmable Three-Channel Power Supply



Key facts:

- 3 x 0...32V/10A
- resolution 1mV
- electronic fuse

Model

96.1—607, Serial No. 013140807 **SOLD !!**

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: Yes

50%
Discount

€ 1.428,00

€ 700,00

Article 97

HMC8042 Power Supply

Key facts:

- 2 channel power supply, 0V to 32V/5A
- max. 100W, resolution 1mV/0.1mA
- tracking, EasyArb
- electronic fuse, FuseLink
- USB stick connector, Ethernet/USB



Model

97.1 — 620, Serial No. 021923738 **SOLD !!**

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

25%
Discount

~~€ 900,00~~

€ 675,00

Article 98

HMC8042 Two channel Power Supply

Key facts:

- High energy efficiency, low heat dissipation and quiet fans
- Low residual ripple due to linear post regulation
- Convenient parallel and serial operation via V/I tracking
- Overvoltage protection (OVP) for all outputs
- Overpower protection (OPP) for all output



Model

98.1 — 604, Serial No. 101024 **SOLD !!**

98.2 — 604, Serial No. 101025 **SOLD !!**

Options Included:

No additional options included

Warranty: 6 months

Newly calibrated: no

30%
Discount

~~€ 900,00~~

€ 630,00

Meters & Counters

Article 99

NRP-Z21 Power Sensor



Key facts:

- Average power sensor for universal use
- 10 MHz - 18 GHz, 200 pW - 200 mW, N(m)

Model

99.1 – 620, Serial No. 103177

Options Included:

No additional options included

Warranty: 6 months

Newly calibrated: no

25%

Discount

~~€ 4.400,84~~

€ 3.300,63

Article 100

NRP-Z27 Power Sensor



Key facts:

- Power sensor module DC to 18GHz, N(m) (for FSMR)

Model

100.1 – 620, Serial No. 100174

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: no

25%

Discount

~~€ 8.145,32~~

€ 6.108,99

Article 101

NRP-Z81 Wideband Power Sensor



Key facts:

- Wideband Power Sensor
- 50MHz to 18GHz; 1nW to 100mW
- 30MHz video bandwidth
- N(m)

Model

101.1 – 620, Serial No. 101817

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: no

25%

Discount

~~€ 6.219,28~~

€ 4.664,46

Article 102

NRP-Z81 Wideband Power Sensor



Key facts:

- Wideband Power Sensor
- 50MHz to 18GHz; 1nW to 100mW
- 30MHz video bandwidth
- N(m)

Model

~~102.1 – 604, Serial No. 104109~~ **SOLD !!**

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: no

25%

Discount

~~€ 6.219,28~~

€ 4.664,46

Article 103

NRP-Z28 Level Control Sensor



Key facts:

- Level Control Sensor 10MHz to 18GHz, N(m)
- (for signal generators)

Model

103.1 – 620, Serial No. 100135

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: no

25%
Discount

~~€ 7.284,52~~

€ 5.463,39

Article 104

NRP8SN Power Sensor



Key facts:

- 3 path diode power sensor LAN
- 10MHz to 8GHz, 100pW to 200mW, N(m)
- LAN operation requires PoE(Power over Ethernet)

Model

104.1 – 620, Serial No. 101448

Options Included:

NRP-ZAP1: 8-port GbE switch, 4 ports GbE PoE, 4 ports GbE

NRP-ZKU: USB cable for NRPxxS/T/A/SN/TN/AN;for Laptop/PC;(acc.)

NRPZK6: Cable für NRPxxS/T/A/SN/TN/AN; conn. to R&S@NRP2(acc.)

Warranty: 12 months

Newly calibrated: no

25%
Discount

~~€ 5.030,04~~

€ 3.772,53

Article 105

NRP8SN Power Sensor



Key facts:

- 3 path diode power sensor LAN
- 10MHz to 8GHz, 100pW to 200mW, N(m)
- LAN operation requires PoE(Power over Ethernet)

Model

105.1 – 604, Serial No. 101576

Options Included:

NRP-ZKU: USB cable (1.5m) for NRPxxS/T/A/SN/TN/AN;for Laptop/PC;(acc.)

Warranty: 12 months

Newly calibrated: no

30%
Discount

~~€ 4.802,00~~

€ 3.361,00

Article 106

NRP18S Power Sensor



Key facts:

- 3 path diode power sensor,
- 10MHz to 18GHz, 100pW to 200mW, N(m),
- USB sensor cable R&S®NRP-ZKU or power sensor cable R&S®NRP-ZK6 required

Model

106.1 – 620, Serial No. 100670

Options Included:

NRP-ZKU: USB cable for NRPxxS/T/A/SN/TN/AN;for Laptop/PC;(acc.)

Warranty: 12 months

Newly calibrated: no

25%
Discount

~~€ 4.094,18~~

€ 3.070,64

Article 107

HM8123 Universal Counter



Key facts:

- DC to 3 GHz
- 10-digit resolution
- Nine measurement functions
- Fanless design

Model

107.1 - 607, Serial No. 101612

Options Included:

No additional options included

Warranty: 6 months

Newly calibrated: Yes

50%

Discount

~~€ 1.500,00~~

€ 750,00

Article 108

HMC8012 Digital Multimeter



Key facts:

- Measurement range: DC to 100 kHz
- Resolution: 1 μ V, 100 nA, 1 m Ω , 1 pF, 1 Hz, 0.1 $^{\circ}$ C/F
- Basic accuracy: 0.015 % (DC)
- True RMS measurement, AC and AC+DC
- 5 $\frac{1}{4}$ -digit display (480 000 counts)

Model

~~108.1 - 604, Serial No. 102016~~ **SOLD !!**

~~108.2 - 604, Serial No. 102018~~ **SOLD !!**

Options Included:

No additional options included

Warranty 6 months

Newly calibrated: no

30%

Discount

~~€ 700,00~~

€ 490,00

Article 109

HMC8012– 5 3/4 digit multimeter ethernet /USB

Key facts:



- Measurement range: DC to 100 kHz
- Resolution: 1 µV, 100 nA, 1 mΩ, 1 pF, 1 Hz, 0.1 °C/F
- Basic accuracy: 0.015 % (DC)

Model

109.1 – 615, Serial No. 18756237

Options Included:

No additional options included

Warranty: 12 months

Newly calibrated: no

20%

Discount

~~€ 700,00~~

€ 560,00

Article 110

HMC8012-G Digit Multimeter



Key facts:

- 5 3/4 digit multimeter, 480,000 digits
- Basic accuracy 0.015%(DC),
- Ethernet/USB, USB stick connector
- incl. IEEE-488 (GPIB)

Model

110.1 – 620, Serial No. 019259086

Options Included:

No additional options included

Warranty: 6 months

Newly calibrated: no

25%

Discount

~~€ 800,00~~

€ 600,00

Radio Monitoring

Article 111

DDF007 Portable Direction Finder



Key facts:

- Wide frequency range from 20 MHz to 6 GHz (DF mode) and 9 kHz to 7.5 GHz (receive mode)
- High-precision correlative interferometer DF method in the range above 173 MHz
- Integrated, fast wideband receiver with optional panorama scan for fast scanning of wide frequency ranges
- Compact, multi-element DF antennas with integrated GPS module and electronic compass; optional magnetic mount adapter for fast antenna installation on a vehicle roof

Model

111.1 – 604, Serial No. 101302

Options Included:

DDF007-FS – Field Strength Measurement
DDF007-GPS – GPS Software Interface/ Map Display
DDF007-IR – Internal Recording
DDF007-PS – Panorama Scan
DDF007-RC – Remote Control

Warranty 12 months

Newly calibrated: no

50%
Discount

€ 43.452,00

€ 21.726,00

Article 112

HE300 Active Directional Antenna



Key facts:

- Unambiguous radiation pattern
- Direction finding by orienting antenna toward maximum field strength
- Very wideband performance in a compact size
- Low weight due to optimized selection of materials
- GPS positioning, compass bearing and triangulation feature

Model

112.1 – 604, Serial No. 101882

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

50%
Discount

€ 7.139,00

€ 3.570,00

Article 112A

HE300 Antenna, active directional antenna (9kHz – 7.5 GHz)

Key facts:

- Unambiguous radiation pattern
- Direction finding by orienting antenna toward maximum field strength
- Very wideband performance in a compact size
- Low weight due to optimized selection of materials
- GPS positioning, compass bearing and triangulation feature (model .03)...



HE300 (4067.5900.03)

112A.1 – 607, Serial No. 102571

Options Included:

- HE300HF frequency range from 9 kHz to 20 MHz
- HA-202 12V car adapter
- HA-222 carrying case

Warranty 6 months

Newly calibrated: No

50%

Discount

€ 8.800,00

€ 4.400,00

Radio Communication Test

Article 113

CTH200A Radio Test Set

Key facts:

- Radio Test Set,
- Handheld tester for analogue FM radios
- With cable fault finder and OTA measurement



Model

113.1 – 620, Serial No. 101609

Options Included:

CTH-Z20: Hard case, for Radio Test Set CTH and accessory
CTH-Z30: 50 W dummy load and bnc cables for CTH (accessory)

Warranty 12 months

Newly calibrated: no

30%

Discount

€ 3.324,84

€ 2.327,39

Article 114

CMA180 Radio Test Set**Key facts:**

- Frequency range from 100 kHz to 3 GHz
- Analog modulation and demodulation (CW, AM, FM)
- Up to 150 W peak input power and up to 100 W continuous input power
- Signal level for receiver measurements can be lowered to -140 dBm
- Integrated audio generators

**Model**

114.1 – 604, Serial No. 101059

Options Included:

CMA-B110B: Baseband generator H110B, 1GB (HW opt.)

CMA-B690A: OCXO reference oscillator H690A (HW opt.)

CMA-PS181: R&S®CMA180 Basic Assembly PS181, 0.1 MHz to 3 GHz

CMA-S052N: Solid State Disk H052N, >=480GB, 2.5", removable (sel.)

CMA-S054B: Power supply R&S®PSU300, AC, H054B, 110V to 230V, 300W (sel.)

Warranty 12 months**Newly calibrated:** no**25%**

Discount

~~€ 25.520,00~~**€ 19.140,00**

Article 115

CMU200 Radio Communication Tester**Key facts:**

- Extremely high-speed testing
- Highly accurate measurements
- Modular future-proof design
- Comprehensive spectrum analyzer
- Fast switching between networks

Model

115.1 – 620, Serial No. 118120

**Options Included:**

CMU-B21 HW opt. CMU200: Univ. sig. unit CMU-B21V14 incl. CMU-B54

CMU-B11 HW-option for CMU200: Reference oscillator OXCO

CMU-B52 HW-option for CMU200: Speech codec for CMU-B21/var. 14

CMU-B68 HW-option for CMU200 layer 1-board (3GPP/FDD, DL+UL)

CMU-B96 HW-option for CMU200: Add. RF generator, 2 channels

CMU-B56 HW opt. CMU200: 3GPP Sign. Module for HSPA applic. test

CMU-PK20 GSM 400+850+900+1800+1900 and GPRS signalling

CMU-PK60 SW-Op CMU200: WCDMA: 3GPP/FDD/UE, Tx-Test, Generator; all Bands

CMU-K43 SW-extension for CMU200: EGPRS (EDGE) signalling

CMU-K64 SW option f. CMU200: HSDPA 3.6Mb/s, 3GPP/FDD/UE, REL.5

CMU-B17 HW-option for CMU200: IQ/IF interface, analog, 1 channel

CMU-B41 HW-option for CMU200: Audio generator and analyzer

CMU-K46 Wide Band Adaptive Multirate Signalling for GSM und WCDMA

Warranty purchase as is**Newly calibrated:** no

PLEASE NOTE, this is a discontinued product

81%
Discount~~€ 108.094,96~~**€ 20.000,00**

Audio Analysis**Article 117****UPV Audio Analyzer****Key facts:**

- Suitable for all interfaces (analog, digital and combined)
- Simultaneous display of multiple measurement functions
- Sampling rate up to 400 kHz
- User-programmable filters for analyzers and generators
- Compact instrument with integrated PC

**Model**

117.1 – 604, Serial No. 104061

Options Included:

UPV-B1: Low distortion generator for analog outputs (HW opt.)

UPV-B2: Digital audio interfaces AES/EBU, S/P DIF (HW opt.)

UPV-K1: Universal sequence controller (SL)

UPV-K21: Digital audio protocol, analysis and generation (SL)

Warranty 12 months**Newly calibrated:** no**35%**

Discount

~~€ 24.662,00~~**€ 16.030,00****Article 118****UPV Audio Analyzer****Key facts:**

- Suitable for all interfaces (analog, digital and combined)
- Simultaneous display of multiple measurement functions
- Sampling rate up to 400 kHz
- User-programmable filters for analyzers and generators
- Compact instrument with integrated PC

**Model**

118.1 – 604, Serial No. 104157

Options Included:

UPV-B1: Low distortion generator for analog outputs (HW opt.)

UPV-B3: Second analog generator, DC to 80 kHz (HW opt.)

Warranty 12 months**Newly calibrated:** no**30%**

Discount

~~€ 20.994,00~~**€ 14.696,00**

Article 119

UPP800 Audio analyzer 8 channels



Key facts:

The R&S®UPP-K800 control software turns an R&S®UPP800 audio analyzer into cascade master. Up to five additional R&S®UPP can be combined with this instrument as slaves for parallel measurement of up to 48 channels.

Model

119.1 – 615, Serial No. 180015

Options Included:

UPP-B2 Digital audio I/O

Warranty: 12 months

Newly calibrated: No

30%

Discount

~~€ 12.725,00~~

€ 8.900,00

Article 120

UPZ Audio Switcher Input



Key facts:

- 8 channels; XLR(f)connectors, RS-232/USB
- Cascading of up to 128 channels
- Operation directly from the R&S®UPV or R&S®UPP audio analyzers

Model

120.1 – 604, Serial No. 101159

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

60%

Discount

~~€ 2.035,00~~

€ 814,00

Drive Test Scanning

Article 121

TSME Ultra compact Drive Test Scanner

Key facts:

- Multiband support from 350 MHz to 4.4 GHz
- Up to eight technologies simultaneously in one scanner
- Compact, lightweight design
- Low power consumption
- Internal GPS/Glonass receiver



Model

121.1 – 604, Serial No. 100285

Options Included:

TSME-K1B – Simultaneous Measurement in 1 Band
TSME-K26 – Tetra Scanning
TSME-K27- RF Power Scan
TSME-ZA1 – Antenna Mount
TSME-Z1 – Power Supply
TSME-Z5 – Carrier Box
TSMW-ZE8 - Antenna Emitter, 698 MHz to 2700 MHz

50%
Discount

Warranty 12 months

€ 20.715,00

Newly calibrated: no

€ 10.358,00

Article 122

TSME Autonomous Mobile Network Scanner

Key facts:

- 350 MHz - 4,4 GHz;
- 1 receiver with 20 MHz bandwidth
- integrated GPS, Bluetooth and WiFi,
- 12V DC operation
- Inkl. GPS antenna, dipole antenne, BT/WiFi Antennas, DC cable
- Requires TSMA-Kx options.
- Incl. 3 years warranty



Model

122.1 – 620, Serial No. 100177

Options Included:

ZA1, ZE8, Z5, Z1

Model

122.2 -620, Serial No. 100206

Options Included:

Z1

Model

122.3 – 620, Serial No. 100813

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

30%
Discount

~~from € 3.900,50~~

from € 2.730,35

Article 123

TSMA Autonomous Mobile Network Scanner



Key facts:

- 350 MHz - 4,4 GHz;
- 1 receiver with 20 MHz bandwidth,
- integrated GPS, Bluetooth and WiFi,
- 12V DC operation.
- Inkl. GPS antenna, dipole antenne, BT/WiFi Antennas, DC cable.
- Requires TSMA-Kx options.

Model

123.1 – 620, Serial No. 100240

Options Included:

No additional options included

Warranty 12 months

Newly calibrated: no

30%

Discount

~~€ 6.994,00~~

€ 4.896,00

Article 124

TSMW Radio network analyzer



Key facts:

- User-definable input frequency range from 30 MHz to 6 GHz
- Parallel measurements in GSM, WCDMA, LTE, CDMA2000®, 1xEV-DO, TETRA and WiMAX™ networks with the R&S®ROMES4 drive test software

Model

124.1 – 615, Serial No. 100153

Options Included:

TSMW-K21 GSM/WCDMA scanner option

TSMW-K29 LTE scanner option

TSMW-Z1 Power supply

Warranty: 12 months

Newly calibrated: No

40%

Discount

~~€ 12.650,00~~

€ 7.588,00

Article 125

TSMW Universal Radio Network Tester

Key facts:

- User-definable input frequency range from 30 MHz to 6 GHz
- Two independent RF and signal processing paths, each with a bandwidth of up to 20 MHz
- Support of LTE-FDD and TD-LTE
- Parallel measurements in GSM, WCDMA, LTE, CDMA2000®, 1xEV-DO, TETRA and WiMAX™ networks with the R&S®ROMES4 drive test software



Model

125.1 – 604, Serial No. 101175

Options Included:

TSMW-B1 – Digital I/Q Interface
TSMW-K1 – Digital I/Q Streaming Software Option
TSMW-Z1 – Power Supply
TSMW-Z5 – Transit Case with Rollers

70%
Discount

Warranty 12 months

€ 26.367,00

Newly calibrated: no

€ 7.910,00

Article 126

TSMW - Universal Radio Network Analyzer

Key facts:

- User-definable input frequency range from 30 MHz to 6 GHz
- Two independent RF and signal processing paths, each with a bandwidth of up to 20 MHz
- Parallel measurements in GSM, WCDMA, LTE, CDMA2000®, 1xEV-DO, TETRA and WiMAX™ networks with the R&S®ROMES4 drive test software
- I/Q baseband streaming and capturing
- Integrated GPS



Model

126.1 – 607, Serial No. 101470

Options Included:

TSMW-B1 High data rate IQ-Interface
TSMW-Z1 TSMW ac power supply
TSMW-Z20 Hardware set for recording of GPS RF spectrum with TSMW
TSMW-ZE6 Antenna Emitter 700 - 2500 MHz, 700-960 MHz and 1710-2500 MHz;
TSMW-ZE7 Antenna Emitter 380-430 MHz (TETRA)

30%
Discount

Warranty: 12 months

€ 19.900,00

Newly calibrated: Yes

€ 14.000,00

Article 127

TSMU– Radio network analyzer

Key facts:

- Technology options: WCDMA, GSM, CDMA2000® 1xEV- DO and CW
- 3G multicarrier use for demodulating broadcast information
- Spectrum measurements with the RF power scan option



Model

127.1 – 615, Serial No. 100111

Options Included:

TSMU-K1 UMTS Network analysis package

TSMU-Z1 Power supply

Warranty: 12 months

Newly calibrated: No

PLEASE NOTE, this is a discontinued product

60%

Discount

~~€ 11.679,00~~

€ 4.600,00

Terms and Conditions

Delivery terms

CIP to address INCOTERMS 2010

Delivery time:

As soon as possible. Specific delivery time will be determined case by case and stated in the final order acknowledgement.

Warranty

Rohde & Schwarz delivers high quality test & measurement equipment. Warranty specified on each article above.

Warranty starts upon date of delivery.

Payment terms:

Individual payment terms are to be defined by local sales representatives.

Limitations and restrictions

The offers are subject to the equipment remaining unsold. First come, first served. For availability, contact your local sales representative. Additionally, errors and omissions are expected.