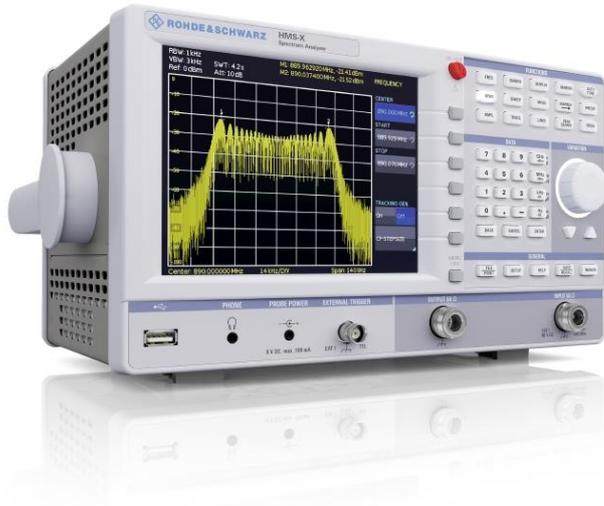


# R&S® HMS-X Spectrum Analyzer

## One base unit, many possibilities



### The perfect choice for

Engineering lab

EMI precompliance measurements

Maintenance & repair

Education

### Key specifications

Frequency range	100 kHz to 1.6 GHz/3 GHz
Spectral purity	> -100 dBc/Hz (at 100 kHz)
Sweep	20 ms to 1000 s
Detectors	auto/min./max. peak, sample, RMS, average, quasi-peak (with R&S®HMS-EMC)

### Tracking generator (with R&S®HMS-TG)

Frequency range	5 MHz to 1.6 GHz/3 GHz
Output level	-20 dBm to 0 dBm

### Key features

- General purpose spectrum analyzer – entry level class
- Excellent price/performance ratio
- Optional tracking generator, 5 MHz to 1.6 GHz/3 GHz
- Options to adapt to specific applications

### Your benefit

Entry level class instrument including all basic measurements

Vouchers for later upgrades

### Features

Provides all standard functions such as amplitude and harmonic measurements, variety of detectors and filters, trace memory and trace mathematics, markers and limit lines, tracking generator, and much more

To meet growing requirements, upgrade vouchers allow you to upgrade the instruments with all options at any time

► For more information, visit [www.rohde-schwarz.com/product/HMS](http://www.rohde-schwarz.com/product/HMS)

## Flexible options



**R&S®HMS-EMC**  
This option activates all the functions that are required for EMC precompliance measurements, including preamplifier.

**R&S®HMS-3G**  
This option increases the frequency range from 1.6 GHz to 3 GHz.

**R&S®HMS-TG**  
This option activates the tracking generator in the instrument.

## Upgrade at any time

You can easily upgrade all three available options at any later point in time with option upgrade vouchers available from your dealer.

The voucher number and the serial number of your R&S®HMS-X instrument enable you to generate the necessary license key directly on our web page <http://voucher.rohde-schwarz.com>.



## Ordering information

### Model configuration information

Description	Base Unit
Spectrum analyzer, 100 kHz to 1.6 GHz	R&S®HMS-X
Description	Option <sup>1</sup>
EMC option, including preamplifier	R&S®HMS-EMC
Frequency upgrade to 3 GHz	R&S®HMS-3G
Unlock built-in tracking generator	R&S®FPC-B22
Description	Voucher <sup>2</sup>
EMC option, including preamplifier	R&S®HV213
Frequency upgrade to 3 GHz	R&S®HV212
Unlock built-in tracking generator	R&S®HV211

1) Available only with purchase of R&S®HMS-X basic unit.

2) Activate R&S®HMS-X options at any time after purchase of R&S®HMS-X basic unit.

**Included:** All models include power cable, operating manual and three-year warranty.

### Interfaces/accessories

Description	Type
Dual-interface Ethernet/USB	R&S®HO732
Interface IEEE-488 (GPIB), galvanically isolated	R&S®HO740
Near-field probe set, 3 GHz, for EMI diagnostics	R&S®HZ540
3 GHz VSWR bridge for R&S®HMS-X, incl. R&S®HMS-TG option	R&S®HZ547
19" rackmount kit, 4 HU	R&S®HZ46
Carrying case for protection and transport	R&S®HZ99

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