



Rigol DSA832E-TG EMC bundle

9 kHz to 3.2 GHz, incl. Tracking generator including: EMI-DSA800(norm.499Eur),NFP-3 (norm.469Eur) and ,S1210sw(norm.469Eur),

S/N#
Wt: kg:
ID: **5767**
size: cm

now total **4145 EUR vat0%**



Click for more details, documents and videos:

<http://www.rigol.eu/emc/>

<http://www.rigol.eu/emc/>

HEWLETT-PACKARD 4934 TIMS opt 001, j02

Measuring Set for audio(upto100kHz) Level and frequency up to 110kHz (level 0,1db,freq1hz res.) noise,)noise(noise,quasi RMS,tone,Average with C-MESS,3kHz flat,15kHz flat,program 50kBit with **battery pack**, front cover , **1-110kHz bandwidth**, choice of C-message, 3kHz flat, 15kHz flat, program and 50kBit filters, and a choice of impedances. Level frequency up to 110kHz Noise and noise-to-ground Noise-with-tone and signal-to-noise ratio 3-level impulse noise P/AR

S/N#
Wt: kg:
ID: **4450**
size: cm



Click for more details, documents and videos:

HEWLETT-PACKARD 8596E/41/130

Spectrum analyzer Freq. **9 kHz - 12.8 GHz** Dyn. Range-**130..+30 dBm(9kHz..1,8GHz)** Freq Reference Accuracy: +/- 2ppm Input Impedance: 50 ohms• Resolution Bandwidth: **1 kHz - 3 MHz** Video Bandwidth: **30 Hz - 1 MHz**

S/N# **3809u0**
~~0641~~
Wt: kg:
ID: **5789**
size: cm



Click for more details, documents and videos:



Rohde& Schwarz

ZVRE B21, 23, 24, 25, B6, B7

S/N#

Wt: kg:

ID: **4652**

size: cm



4 port network analyzer 50ohm 10Hz-4GHz
Low end frequency limit 10Hz
High end frequency limit 4.00 GHz
Linearity above 40 kHz
-15 dBm to -25 dBm < 0.6 dB -15 dBm to -25 dBm
Input Noise Level <-130 dBm

Click for more details, documents and videos:

http://cdn.rohde-schwarz.com/pws/dl_downloads/dl_common_library/dl_manuals/gb_1/z/zvr/ZVR_K9_e.pdf

Rigol

DSA815-TG EMC bundle

S/N#

Wt: kg:

ID: **5764**

size: cm

now total **2245 EUR vat0%**



Spectrum analyzer **9 kHz to 1.5 GHz, incl. Tracking generator**
Typical -135 dBm Displayed Average Noise Level (DANL)
-80 dBc/Hz @10 kHz offset Phase Noise
Total Amplitude Uncertainty <1.5 dB
100 Hz Minimum Resolution Bandwidth (RBW) including: EMI-DSA800(norm.499Eur),NFP-3 (norm.469Eur) and ,S1210sw(norm.469Eur),

Click for more details, documents and videos:

<http://www.rigol.eu/emc/>

Rigol

DSA832-TG EMC bundle

S/N#

Wt: kg:

ID: **5765**

size: cm

now total only **8145Eur vat0%**



9 kHz to 3.2 GHz, incl. Tracking including: EMI-DSA800(norm.499Eur),NFP-3 (norm.469Eur) and ,S1210sw(norm.469Eur),

Click for more details, documents and videos:

<http://www.rigol.eu/emc/>

<http://www.rigol.eu/emc/>



Rigol DSA832-TG 9 kHz to 3.2 GHz, incl. Tracking

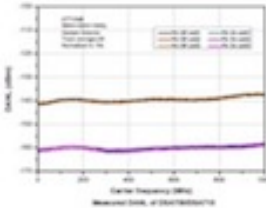
S/N#
Wt: kg:
ID: **5761**
size: cm



Click for more details, documents and videos:

Rigol DSA710

S/N#
Wt: **4,25** kg:
ID: **5741**
size: **36,16x17,88x12,8** cm

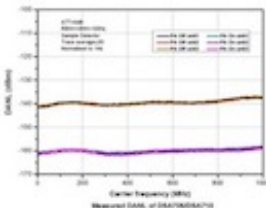


Spectrum analyzer 100kHz up to 1 GHz
Min. -155 dBm Displayed Average Noise Level (Typ.)
Min. <-80 dBc/Hz @ 10 kHz Offset Phase Noise Level Measurement Uncertainty <1.5 dB
100 Hz Minimum Resolution Bandwidth
Advanced Measurement Functions (Opt.)
EMI Filter & Quasi-Peak Detector Kit (Opt.)
PC Software (Opt.)
Optional RF TX/RX Training Kit
Optional RF Accessories (Cable, Adaptor, Attenuator ...)
Complete Connectivity: LAN (LXI), USB Host & Device, GPIB (Opt.)
8 Inch WGA (800x480) Display

Click for more details, documents and videos:

Rigol DSA705

S/N#
Wt: **4,25** kg:
ID: **5746**
size: **36,16x17,88x12,8** cm



Spectrum analyzer 100kHz up to 500MHz
Min. -155 dBm Displayed Average Noise Level (Typ.)
Min. <-80 dBc/Hz @ 10 kHz Offset Phase Noise Level Measurement Uncertainty <1.5 dB
100 Hz Minimum Resolution Bandwidth
Advanced Measurement Functions (Opt.)
EMI Filter & Quasi-Peak Detector Kit (Opt.)
PC Software (Opt.)
Optional RF TX/RX Training Kit
Optional RF Accessories (Cable, Adaptor, Attenuator ...)
Complete Connectivity: LAN (LXI), USB Host & Device, GPIB (Opt.)
8 Inch WGA (800x480) Display

Click for more details, documents and videos:



Lisun Electronics Inc.

CHROMA-2+USB

S/N#

Wt: kg:

ID: **4379**

size: cm



visual light spectumanalyzer
380nm~780nm chroma color paramenters and Illuminance test (lx)
-Chroma Coordinates (x, y, u, v, duv),
-CCT (CorrelatedColor Temperature),
-CRI (Color Rendering Index),
-Dominant Wave,
-Peak Wave,
- Flux RGB Ratio,
- Half Width, -Purity,
- Spectrum diagram.
-Illuminance test (lx) or flux test (lumen) with the integrating sphere.

Click for more details, documents and videos:

HEWLETT-PACKARD

8595E/41/101/105

S/N# **3829u0**
~~1250~~

Wt: kg:

ID: **4470**

size: cm



Spectrum analyzer Freq. **9 kHz - 6,5 GHz**
Dyn. Range-130..+30 dBm(9kHz..1,8GHz)
Freq Reference Accuracy: +/- 2ppm
Input Impedance: 50 ohms• Residual FM:
-105 dBc/Hz - -90 dBc/Hz
Resolution Bandwidth: 1 kHz - 3 MHz
Video Bandwidth: 30 Hz - 1 MHz

Click for more details, documents and videos:

Rigol

DSA815-TG

S/N#

Wt: kg:

ID: **5421**

size: cm



Spectrumalyzer 9 kHz to **1.5 GHz**, incl. **Tracking generator**
Typical -135 dBm Displayed Average Noise Level (DANL)
-80 dBc/Hz @10 kHz offset Phase Noise
Total Amplitude Uncertainty <1.5 dB
100 Hz Minimum Resolution Bandwidth (RBW)

Click for more details, documents and videos:

<https://www.youtube.com/watch?v=Cca5k11kHUK>



Rohde & Schwarz

**FSIQ26/B4/B5/B7/B10/B13/B15/B70/K70/K72/K74
K3/K4**

S/N# **836702**
Wt: **26,5** kg:
ID: **4207**
size: **43,5x23,6x57,0** cm



Spectrum analyzer 20Hz..26,5GHz with digital demod bw 28MHz(TETRA,EDGE,CDMA,WCDMA,GSM...) low phase noise (B4) FMR4.40.3 Freq acc,2*10-8 (B4) 1db attenuator(B13) (K4) Phase noise meas 20Hz..10GHz Track/ **Signal generator(B10) 20Hz..7GHz (K3) noise figure meter with NC346C upto 0.01..26,5GHz** FFT analysaattori 1Hz..1kHz(B5) WCDMA,AM,FM demod (K7) Noise Meas.sw R&S (K3) up to 10GHz Noise figure measurements (K4) Measurement of noise figure and temperature to Y-factor method Measurements on frequency-converting DUTs (155dBc/10GHz) Frequency range same as basic unit, starting from 100 kHz

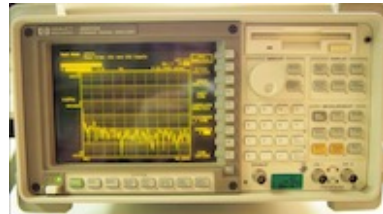
Click for more details, documents and videos:

<http://www.rohde-schwarz.de>

Agilent Technologies

35670a 1D2,1d0

S/N#
Wt: kg:
ID: **4655**
size: cm



Twochannel high-performance FFT-based spectrum/network analyzer
122 μHz to 102.4 kHz 16-bit ADC
Dynamic range Accuracy 90 dB typical acc.±0.15dB
channel match ±0.04 dB and ±0.5 degrees
realtime bw 25.6 kHz/1 channel
res.100, 200, 400, 800 & 1600 lines
time capture > 6 Msamples

Click for more details, documents and videos:

ROHDE & SCHWARZ

FSEA 30/b4,b5,b7,b17

S/N#
Wt: kg:
ID: **4654**
size: cm



Spectrum analysis with ultra-wide dynamic range Universal analysis of digital and analog modulated signals (option) such as BPSK, QPSK, π/4-DQPSK, 8PSK, QAM, MSK, GMSK, 2FSK, AM, FM, PM High-speed synthesizer 5 ms for full span Refresh rate, quasi-analog 25 sweeps/s Large LC TFT display 24 cm/9.5", active Future-proof modular design Customized solutions through wide variety of options Displayed noise floor -150 dBm (typ.) in 10-Hz bandwidth 3rd-order intercept point +20 dBm typ. 1 dB compression point of RF input +10 dBm Sweep time: Span = 0 Hz - 1 μs to 2500 s in 5% steps; Span ≥10 Hz - 5 ms to 16 000 s in steps ≤10% ;Error limit <1% Sampling rate 50 or 100 MHz (A/D converted)

Click for more details, documents and videos:



Rohde & Schwarz

FSP3

S/N#
Wt: **10,2** kg:
ID: **4653**
size: **41,2x19,7*41,7** cm



Spectrum analyzer Freq. **9 kHz to 3GHz**,
Resolution bandwidth 1 Hz to 10 MHz
Displayed average noise level -155 dBm (1 Hz)
Phase noise -113 dB (1 Hz) at 10 kHz
Additional filters:
Channel filters from 100 Hz to 5 MHz and RRC filters
FFT filters from 1Hz to 30 kHz

2.5ms sweep time in frequency domain
1 μs sweep time in time domain

*Click for more details,
documents and videos:*

http://cdn.rohde-schwarz.com/dl_downloads/dl_common_library/dl_brochures_and_datasheets/0/for_0/ESD_en.pdf

E Instruments

E8500 plus Gas Analyzer

S/N#
Wt: kg:
ID: **3052**
size: cm



Maximum of nine total gas sensors, up to six electrochemical type sensors and up to three NDIR type sensors.
E8500 Gas Analyzer Including:
O2 Sensor 0 to 25 %
CO Sensor 0 to 8000 ppm*
*With Auto-Range to 20,000 ppm
NO/NOx Sensor 0 to 4000 ppm
CO2 Calculated 0 to 99.9 %

*Click for more details,
documents and videos:*

<http://www.e-inst.com/industrial-gas-analyzers/products-E8500>

HEWLETT-PACKARD

8596E/41/101/105/130

S/N# **3829u0**
0770
Wt: kg:
ID: **4469**
size: cm



Spectrum analyzer Freq. **9 kHz - 12.8 GHz**
Dyn. Range-**130..+30 dBm(9kHz..1,8GHz)**
Freq Reference Accuracy: +/- 2ppm
Input Impedance: 50 ohms•
Resolution Bandwidth: **1 kHz - 3 MHz**
Video Bandwidth: **30 Hz - 1 MHz**

*Click for more details,
documents and videos:*



Advantest

R3131

S/N# **811780**
~~721~~

Wt: kg:

ID: **4429**

size: cm



EMC Spectrum analyzer 9kHz to 3GHz with antennacompensation and QP detector
 Freq ref source accuracy: ± 2 ppm/year ± 5 ppm.
 Frequency span: zero, 10 kHz to 3 GHz
 Freq. stab.:SB noise: ≤ 100 dBc/Hz(20kHzoffset)
 Resolution 3dB BW: 300 Hz to 1 MHz 1-3 step
 BW acc.: $\leq \pm 20\%$ (RBW 1 kHz to 1 MHz)
 $\leq \pm 50\%$ (RBW 300 Hz, typ. $\pm 20\%$)
 Video bandwidth: 10 Hz to 1MHz 1-10 step
 Improved ease of use through Auto TUNE function

- Total level accuracy guaranteed by Auto CAL function
- Standard interfaces: GPIB, RS232C, Centronics, and FD drive
- Large character display allows results to be seen
- Substantial EMC measurement function

Click for more details, documents and videos:

Agilent

4195A+35676a

S/N#

Wt: kg:

ID: **2133**

size: cm



Network/Spectrum Analyzer/imbedance analyzer 10Hz.. 500MHz

Combined vector network and spectrum analysis capabilities. The frequency is covered from 10 Hz through 500 MHz with an excellent 0.001 Hz resolution for audio, baseband, HF, and IF applications. It directly measures amplitude ratio, phase, group delay, and spectrum level needed for characterizing linear/non-linear analog circuits or components used in communications, telecommunications, consumer electronics, and other equipment.

Click for more details, documents and videos:

www.agilent.com

Tektronix

2712

S/N#

Wt: **9,5** kg:

ID: **4479**

size: **44,5D36,1W13,7** cm



Spectrum analyzer 9kHz-1.8GHz EMC
 5×10^{-7} Frequency Accuracy
Sensitivity to -139 dBm (-92 dBmV) with Built-In Preamp
 Internal Frequency Counter
 4-Trace Digital Plus True-Analog Display
 124 K of RAMEasy to Use
 Powerful Built-In Measurement Routines
 EMC Measurements with Optional Quasi-Peak Detector
 UL Listed 1244, Certified CSA C22.2 No. 231-M89
 Applications:EMC Prequalification Testing

Click for more details, documents and videos:



Oxford instrumens

X-MET3000TXR+ kaikki mahd.

S/N# **70505**

Wt: kg:

ID: **2108**

size: cm



Alkuaine analyysointilaitteisto analysoi materiaalista (lulut,maaaines,muovit,elektroniikka etc) tiedon kuinka paljon siinä on eri metalleja ja mineraaleja. (ROHS,WEE/ELV)
Handheld EDXRF analyzer with Pentapin High resolution SI-PIN detector
40KV x-ray tube for ROHS measurement for Testing toys,soil etc.
sis. kalibrointi palat , kantokotelon , kuljetuslaukun etc.

Click for more details, documents and videos:

HEWLETT-PACKARD

8591E/004/041

S/N# **3543A**

Wt: kg:

ID: **4463**

size: cm



Spectrum analyzer Freq. **9 kHz - 1.8 GHz**
Dynamic Range: **-130 dBm - +30 dBm**
Freq Reference Accuracy: +/- 2ppm
Input Impedance: 50 ohms• Residual FM: -105 dBc/Hz - -90 dBc/Hz
Resolution Bandwidth: 1 kHz - 3 MHz
Video Bandwidth: 30 Hz - 1 MHz

Click for more details, documents and videos:

Rohde &Schwarz

CIT mobile installation tester

S/N# **833509**

Wt: kg:

ID: **4428**

size: cm



Heijastusvaimennus /vswr mittari 50ohm **100MHz to 1000 MHz** N-female
13 dBm to 43 dBm (20 mW to 20 W)
res.0.1dB(20to47 dBm);0.3dB(13to20dBm)
SWR Meas Range:1.0 to 10
DC Current Meas0to10A (res.10mA)
DC Voltage Meas 0 to 30V (res.10mV)CIT is designed to be used by car mechanics, who will be able to handle this compact tester in practically no time

Click for more details, documents and videos:



Agilent E4406a

S/N# **my440**
~~21710~~

Wt: kg:

ID: **2120**

size: cm



Digital Vector signal analyzer for baseband I/Q signals.

In receivers, baseband I/Q analysis may be used to test the I and Q products of I/Q demodulators, after an RF signal has been down converted and demodulated. Measures also:

- Spectrum (Frequency Domain)
- Time Domain Measurements
- Adjacent Channel Power (ACP)
- Power Measurements
- Making Power Stat CCDF Measurements

Click for more details, documents and videos:

<http://literature.cdn.keysight.com/litweb/pdf/E4406-90304.pdf>

hp 8590B

S/N# **3016u0**
~~412~~

Wt: **13.6** kg:

ID: **15579**

size: cm



Spectrum analyzer freq of 9 kHz to 1.8GHz
Amplitude range -115dBm..30dBm
amp. acc. 1,5dB rel 2dB

Click for more details, documents and videos:

rohde& schwarz FAMA opt.B1,B2,B8

S/N# **891164**
~~1002~~

Wt: kg:

ID: **15574**

size: cm



modulation analyzer VOR/ILS 55kHz...1360MHz
The Rohde & Schwarz Modulation Analyzer FAMA is a microprocessor controlled unit for analysis of modulated RF signals, with simultaneous frequency measurement.

Modulation measurement with AM, FM, and phase modulation.
Switch-selected highpass and lowpass filters for various test bandwidths, CCITT and CCIR weighting filters optional.

Modulation signal measurement using weighting filters (AF voltmeter or psophometer function).
IEC-bus (HP-IB) compatible.

Carrier frequency range from 55 kHz to 1360 MHz modulation analyzer
Equipped with the following Options:

Click for more details, documents and videos:



ShibaSoku

725B

Automatic Distortion Analyzer

S/N#

Wt: kg:

ID: **2139**

size: cm



*Click for more details,
documents and videos:*

www.shibasoku.com