



**Rigol DSG3060**

S/N#  
Wt: kg:  
ID: **5431**  
size: cm



**9 kHz to 6 GHz Signal generator for EMC immunity testing**  
phasenoise <-110dBc/Hz@20kHz  
level acc.<**0.5dB**  
connection **LXI-C, USB, GPIB AM, FM, Phase, Pulse**

*Click for more details, documents and videos:*

<https://www.youtube.com/watch?v=PZHKBtk0VJ0>

**Agilent E4420B/1EM**

S/N#  
Wt: **8** kg:  
ID: **5835**  
size: cm



Signal generator **250kHz - 1GHz** with very good level accuracy for Telecom EMC testing etc. EN -61000-4-3 with AM,FM,PM modulation and good quality LF generators  
StabilityAging rate< ±1 ppm/yr  
< ±1 ppm, typ. < ±0.1 ppm, typ.(+5% 10%)  
External reference input> 0.35 Vrms into 50 Ω load1, 2, 5, 10 MHz  
OutputFrequency Amplitude  
250 kHz to 1GHz**+13 to -136 dBm**

*Click for more details, documents and videos:*

[www.agilent.com](http://www.agilent.com)

**Rohde & Schwarz SME02/B4/B8/B11/B12**

S/N#  
Wt: kg:  
ID: **5834**  
size: cm



Signal Generator for EMC, RFetc, testing  
5kHz..2GHz  
signal source with specified frequency range from 5 kHz - AM, FM, fM, pulse modulation - FM DC with high carrier frequency accuracy - Broadband FM from DC to 8 MHz, broadband fM from DC to 2 MHz - Convenient RF/LF/level sweep - Programmable level correction (compensation of external frequency response) - VOR/ILS generator (option SM-B6) - Phase resolution 0.01 degrees - DDM resolution 0.0001 - Stereo generator (option SM-B6) for measurements on FM sound broadcast transmitters and receivers - Minimum RF leakage due to special shielding measures -

*Click for more details, documents and videos:*

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



**collins 479s-6a**

S/N# **707**  
Wt: **19,5** kg:  
ID: **15582**  
size: **43,2\*17,8\*50,8** cm



VOR/ILS Signal Gen. has all the capabilities required to test and troubleshoot VOR(108..118)MHz, and ILS, and marker beacon navigation(75MHz) receivers in one easy-to-use, solid-state instrument! While providing both RF and audio signals, you'll find quality results with simple setup and operation. Frequencies: 75MHz +0.4 MHz (marker beacon); 108 to 118MHz (VOR/LOC); 329 to 335MHz (glideslope); 118 to 152MHz (communications). Selectable VOR radials from 000.00 to 359.99 degrees and 1020Hz audio tone for identification signal come standard on this generator. Variable RF output: 6 to -120 dB mW VSWR: <1.5:1

*Click for more details, documents and videos:*

[http://www.testequipmentconnection.com/specs/Collins\\_Radio\\_479S-6.PDF](http://www.testequipmentconnection.com/specs/Collins_Radio_479S-6.PDF)

**Rohde & Schwarz SMT06 B1,B4,B6,B9**

S/N#  
Wt: kg:  
ID: **4570**  
size: cm



Signal Generator for EMC test 5kHz..6GHz signal source with specified frequency range from 5 kHz - AM, FM, fM, pulse modulation - FM DC with high carrier frequency accuracy - Broadband FM from DC to 8 MHz, broadband fM from DC to 2 MHz - Convenient RF/LF/level sweep - Programmable level correction (compensation of external frequency response) - VOR/ILS generator (option SM-B6) - Phase resolution 0.01 degrees - DDM resolution 0.0001 - Stereo generator (option SM-B6) for measurements on FM sound broadcast transmitters and receivers - Minimum RF leakage due to special shielding measures -

*Click for more details, documents and videos:*

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

**Rohde & Schwarz SMIQ03B**

S/N#  
Wt: kg:  
ID: **5788**  
size: cm



Signal Generator 300kHz..3,3GHz  
0.1HZ  
Power Level Range: -140dBm to +13dBm  
Resolution: 0.1dB  
Phase offset: Adjustable in steps of 0.1 degrees

*Click for more details, documents and videos:*

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



**Rigol DG4162**

S/N#  
Wt: kg:  
ID: **5408**  
size: cm



Arb. generator 160 MHz, 2 ch, 14 bit,  
•500 MSa/s sample rate  
•130 built-in waveforms  
•7-inch color LCD display  
•14 bit vertical resolution  
•Standard Interfaces including LXI-C (Ethernet),  
USB device and USB host

*Click for more details,  
documents and videos:*

**Rigol DSG830**

S/N#  
Wt: kg:  
ID: **5429**  
size: cm

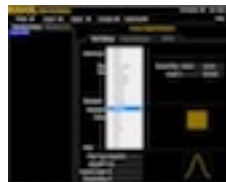


Signal generator **9 kHz to 3 GHz** EMC  
immuneetti mittauksiin  
power up to +20 dBm and low SSB phase noise  
-115 dBc/Hz, am<-105dBc/Hz@20kHz  
amplitude accuracy of +/- 0.5 dB  
Connectivity **LXI-C, USB**  
Modulation **AM, FM, Phase (std.), Pulse (opt.)**

*Click for more details,  
documents and videos:*

**Rigol DSG3030 I/Q**

S/N#  
Wt: kg:  
ID: **5727**  
size: cm



Digital signal generator  
**9 kHz to 3 GHz**  
Max. Frequency 3 GHz  
Phase Noise (typical) <  
-110dBc/Hz@20kHz  
Ampl. Accuracy (typical) **<0.5dB**  
Connectivity LXI-C, USB, GPIB  
Modulation AM, FM, Phase, Pulse, IQ  
Pulse Train Generator Optional  
high stability clock Optional

*Click for more details,  
documents and videos:*

<https://www.youtube.com/watch?v=PZHKBtk0VJ0>



**Rigol DG5251**

S/N#  
Wt: kg:  
ID: **5402**  
size: cm



**250 MHz** bandwidth Function Generation, **Arbitrary Waveform Generation, IQ Baseband Source/IQ IF Source**, Frequency Hopping Source (optional) and Pattern Generation (optional)  
**1 GSa/s waveform output**  
14 bit vertical resolution  
128 Million Points of Arbitrary Waveform Memory  
Built in standard modulations including IQ modulation for digital baseband generation including QPSK and QAM formats  
Standard Interfaces including LXI-C (Ethernet), USB device and host, and GPIB  
Options including output amplifier (PA-1011)

*Click for more details, documents and videos:*

<https://www.youtube.com/watch?v=izq8o57fjjs>

**Rigol DG4062**

S/N#  
Wt: kg:  
ID: **5410**  
size: cm



60 MHz, 2 ch, 14 bit, 500MS/s Arb. generator

*Click for more details, documents and videos:*

**Agilent Technologies 8133a002**

S/N#  
Wt: kg:  
ID: **4656**  
size: cm



pulse generator  
Frequency range f15 MHz - 3.35 GHz  
•Single output channel  
•Low jitter  
•Fast rise times (20%-80%) < 60 ps  
•Delay modulation (jitter emulation)  
•Variable cross-over point (eye deformation) LVDS applications can be addressed with output levels from 50 mV to 2 V PRBS from 25-1 to 231-1  
• All inputs and outputs are SMA (f) 3.5 mm connectors

*Click for more details, documents and videos:*



**Agilent E4421B/1EM**

S/N# **my433**  
~~50027~~  
Wt: **8** kg:  
ID: **2119**  
size: cm



Signal generator **0.1 - 3GHz** for EMC testing etc.  
EN-61000-4-3  
with AM,FM,PM modulation and good quality LF generators  
StabilityAging rate< ±1 ppm/yr  
< ±1 ppm, typ. < ±0.1 ppm, typ.(+5% 10%)  
External reference input> 0.35 Vrms into 50 Ω load1, 2, 5, 10 MHz  
OutputFrequency Amplitude  
250 kHz to 1GHz+**13 to -136 dBm**  
>1to3GHz +**10to-136dBm**

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[www.agilent.com](http://www.agilent.com)

**hp 209a**

S/N# **1045a0**  
~~6171~~  
Wt: **2,79** kg:  
ID: **15588**  
size: cm



Generator forsine (0.1% THD) and square waves (50 nS rise/fall time).  
The ranges are:  
4-40 Hz  
20-200 Hz  
200-2,000 Hz  
2- 20 kHz  
20-200 kHz  
0.2-2.0 MHz.  
For audio, the three 20 Hz - 20 kHz ranges are ideal, while the lowest range covers infrasonics. The higher ranges are best for interfering with AM radio broadcasts.  
Output source impedance is 600 Ω, and output open-circuit sine-wave voltages range from 260 mV (-11 dBV) to 11 V RMS (21 dBV), as tested.

*Click for more details, documents and videos:*

[http://www.ko4bb.com/Manuals/09\)\\_Misc\\_Test\\_Equipment/1\)\\_Brochures\\_and\\_Datasheets/HP-209A-Manual-sn-040-044](http://www.ko4bb.com/Manuals/09)_Misc_Test_Equipment/1)_Brochures_and_Datasheets/HP-209A-Manual-sn-040-044)

**hp 8015a**

S/N# **2027g0**  
~~2122~~  
Wt: kg:  
ID: **15577**  
size: cm



The HP 8015A is a 50 MHz pulse generator that features dual outputs - each capable of delivering pulses up to 16 V in amplitude. When the outputs are combined (A + B mode), up to 30 V is available. The 8015A is easy to use - the front panel layout is clear and unambiguous. Controls are positioned so that parameters are easily identified and invalid combinations of parameters can be avoided. Delay, double pulse, and square wave modes of operation are available. A feature of the 8015A is the B Del mode where channel B output is delayed with respect to channel A output. This can be combined with A + B mode so that complex and 3-level waveforms can be synthesized. The external input has a threshold level variable between +1 V and -1 V with 50 Ω input impedance and variable between +10 V and -10 V with 500 Ω input impedance. A push button permits

*Click for more details, documents and videos:*



**Agilent** **E4421B/1EM** Analog Signal generator 0.1 - 3000 MHz with AM,FM,PM modulation and nice LF generator

S/N# **my433**  
~~50221~~  
Wt: **8** kg:  
ID: **2154**  
size: cm



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[www.agilent.com](http://www.agilent.com)

**Array electronics** **3400a with gpib** 50MHz Sine, 25MHz Square & 10MHz arbitrary Waveforms

S/N# **TW000**  
~~12000~~  
Wt: **6** kg:  
ID: **2142**  
size: **53\*34\*26package** cm



14-bit, 125 Msa/s, 256K-point Arbitrary Waveform Pulse, Ramp, Triangle, Noise & DC Waveforms  
Linear & Logarithmic Sweeps & Burst Operation  
AM, FM, PM, (PSK), FSK & PWM Modulation Types  
Amplitude Range, 20 mVpp to 20 Vpp into Open Circuit  
Remote Control via USB, LAN or Opt. GPD  
Graph Mode for Visual Verification of Signal Settings  
16-bit Data Output via Pattern Out  
Free Waveform Editor Software Wavepatt

*Click for more details, documents and videos:*

<http://www.array.sn/yq-3400e.htm>

**Tektronix** **TSG271** PAL TV Generator

S/N#  
Wt: kg:  
ID: **2140**  
size: cm



*Click for more details, documents and videos:*

[www.tek.com](http://www.tek.com)