

Used equipment and special offers. This list is updated to:

26th June 2017

Please allow us a delivery time of 1-4 weeks to upgrade and calibrate used equipment before shipment. Contact us to check the availability of the chosen product.

SECTION 1: LISN/AMN

1)	1ea	R&S ESH 3-Z5	Rohde & Schwarz ESH3-Z Two Line V-Network LISN 9 kHz to 30 MHz Unit will be delivered with a new individual calibration report.	€	1680,00
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2)	1ea	JASO D 001-94	This 56 mikrohenry LISN is a prototype which never became a list product due to no demand. It is built according to JASO D 001-94, has a frequency range of 10-200 kHz and a max. current of 50 A at max. 220 V 50 Hz AC. Unit will be delivered with an individual calibration report but without further documentation except for a circuitry plan.	€	600,00
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3)	1ea	NNBM 8125	Single-path vehicle LISN NNBM 8125 for CISPR 25, with BNC connector. Including new calibration certificate. 4 units available.	€	820,00
					

SECTION 2: ANTENNAS

4)	1ea	FMZB 1548	Magnetic field meter 9 kHz – 30 MHz, 20A/m, with separate power supply cable. Conditions: never used.	€	1280,00
					

5)	1ea	HFRA 9150 (name change to HFRA 5150)	H-Field Transmit Loop VLF/HF, 100 W, dimensions: 0.6 m x 0.6 m, mounting support 3/8" camera thread, two BNC female Connectors, ext. termination 20 Watt 50 Ω included, antenna will be delivered with an individual calibration report. The technology is still up to date. We only have changed to circular antennas because the manufacturing process for circular shaped antennas is easier. This antenna is new and was the last square antenna we manufactured. Today's replacement: HFRA 5149 Datasheet: http://www.schwarzbeck.de/Datenblatt/k5150.pdf	€	800,00
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6)	1ea	FMZB 1516	Loop antenna 9 kHz – 30 MHz, constant antenna factor of 20 dB(1/m), mains operated. The unit will be updated to the newest technical state of the art before delivery. Slight optical signs of wear. The technology is still up to date. We only have changed to circular antennas because the manufacturing process for circular shaped antennas is easier. Today's replacement: FMZB 1519, FMZB 1513 Datasheet http://www.kilosense.com/schwarzbeck/k1516.pdf	€	1.580,00
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7)	1ea	Amplifier Research	FP 2080 isotropic electric field probe 80 MHz – 40GHz, with 220V power adapter and transport case. You will get the items on the foto. We have no possibility to calibrate it. Multiple units available	€	580,00
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8)	1ea	UBA 9116	VHF-UHF Biconical Broadband Antenna UBA 9116. Still manufactured unchanged, used unit with minor signs of wear. Datasheet: http://schwarzbeck.de/Datenblatt/k9116.pdf	€	820,00
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9)	1ea	2x UHAP with case	Set of UHF Precision Dipoles 300-1000 MHz Very good condition. Set also known as Rohde & Schwarz HZ13. Was only used for exhibitions.	€	1.680,00
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10)	1ea	VHA 9103 or VHAP long elements	Spare part for VHA 9103 or VHAP: long telescopic elements made of nickel plated brass (today's version: stainless steel) 30 - 114 MHz. 2 units available.	€	90,00
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11)	1ea	VHA 9103 VHAP short elements	Spare part for VHA 9103 or VHAP: short telescopic element made of nickel plated brass (today's version: stainless steel) 114 - 300 MHz, 1 unit available.	€	80,00
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SECTION 3: GENERATORS, EMI RECEIVERS

12)	1ea	IGU 2912	Calibration Pulse Generator for EMI-EMC applications. Pulse repetition frequency: 1-200(209) Hz, pulse shape: almost rectangular, pulse duration: 0.2 ns, pulse polarity: positive/negative (switchable), pulse level (CISPR weighting QP): 0-60 dBmikroVolt in 1dB steps. Max. output voltage across 50 Ohm: 80V - 110 V, unit will be calibrated before delivery.	€	1.250,00
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13)	1ea	LSME 1530 A	EMI receiver 10 – 150 kHz in 3 bands, QP-detector, unit will be calibrated before delivery. Easy to use robust and precise fully analog EMI receiver for Band A.	€	880,00
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14)	1ea	FSME 1515	EMI receiver 85 kHz – 30 MHz, QP-Detector, built in pulse generator. The unit has minor cosmetic scratches and will be delivered with a new calibration certificate before delivery. Easy to use robust and precise fully analog EMI receiver for Band B.	€	980,00
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15)	1ea	VSME 1510B	EMI receiver 30-300 MHz, unit will be calibrated before delivery. Easy to use robust and precise fully analog EMI receiver for Band C.	€	880,00
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16)	1ea	VUME 1520 A	EMI receiver 25 – 1000 MHz in 6 bands, QP-detector, unit will be calibrated before delivery. Signs of wear. Easy to use robust and precise fully analog EMI receiver for Band C and D.	€	980,00
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17)	1ea	FMLK 1518 without GPIB Interface	EMI-Receiver acc. CISPR 16-1, 9 kHz – 30 MHz, 3 Detectors: Quasipeak, Peak, Average, Attenuator with 1 dB steps, Protected Input, Automatic Calibration w. built-in Pulse Generator. No IEEE 488 Interface! The unit will be refurbished and calibrated before delivery. This unit has an extra battery pack.	€	1.680,00
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18)	1ea	VUMA 1521 without GPIB Interface	EMI-Receiver acc. CISPR 16-1, 25 MHz - 1 GHz, 3 Detectors: Quasipeak, Peak, Average, Attenuator with 1 dB steps, Protected Input, Automatic Calibration w. built-in Pulse Generator. No IEEE 488 Interface! The unit will be refurbished and calibrated before delivery.	€	1.480,00
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SECTION 4: CABLES, PREAMPLIFIERS

19)	1ea	Sucoflex 104	Coaxial cable Huber und Suhner Sucoflex 104, length 2 m, both sides PC3.5 plug, specified and calibrated up to 26.5 GHz, produced in 2004 but still in original unopened packaging with original calibration data. Several units available.	€	150,00
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20) Used & tested coaxial cables with straight N-connectors, all individually calibrated with certificates.

	Cable type	Length	S/N	Condition 1 = very good, like new 2 = good 3 = signs of usage	Price [Euro]
1)	RG 223/U	6 m	382428	2	30,00


21)	1ea	UTIFLEX UFB311A	Cable Assembly UFB311A, Ultra Low Loss, usable up to 18.0 GHz, with N-N male connectors, length=2 meters. Several units available. Delivered with a new calibration certificate.	€	200,00
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22)	1ea	BBV 9718 with option battery and ALCS 2-24A	Broadband Coaxial Preamplifier typ. 33 dB, 1 - 18 GHz with fixture for 22 mm antenna tube, and N to SMA cable, battery pack and charger. Will be furnished with a new calibration shortly before delivery. List price of all items more than Euro 3.000,00	€	1.980,00
					

SECTION 5: ATTENUATORS TERMINATIONS PULSE LIMITERS

23)	1ea	Weinschel 6330-30-33	High power 30 dB attenuator, 100 Watts, DC-8 GHz, N(f/f). Strong signs of wear on paint, fully working with new calibration certificate. Several units available.	€	180,00
					

24)	1ea	Weinschel Aeroflex Model 47- 10-34	10 dB attenuator 18 GHz 50 Watt. Never used in original package, with new individual calibration certificate. Datasheet: http://www.aeroflex.com/ams/weinschel/pdfiles/wmod47.pdf	€	190,00
					

25)	1ea	Weinschel 1426-4	High power coaxial termination, 50W DC-10 GHz, N(f/f). Very good condition. 1 unit available. Datasheet: http://weinschel.apitech.com/weinschel/pdfiles/wmod1426.pdf	€	190,00
					

26)	1ea	Weinschel Aeroflex Model 1439-3	Weinschel Aeroflex 50 Ohm termination / dummy load 150 Watt with N-female connector, DC to 2.5 GHz, good cosmetical condition, fully working with individual VSWR calibration certificate. Datasheet: http://weinschel.apitech.com/weinschel/pdfiles/wmod1439.pdf	€	220,00
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27)	1ea	VTSD 9561 D or VTSD 9561 F	Diode pulse limiter with built-in 20 dB (VTSD 9561 D) attenuator, DC-100 MHz. including new calibration certificate. Several units available. These are new products (last units produced with nickel plated brass housing. Today: milled aluminium housing.) VTSD 9561 F: no more available	€	280,00
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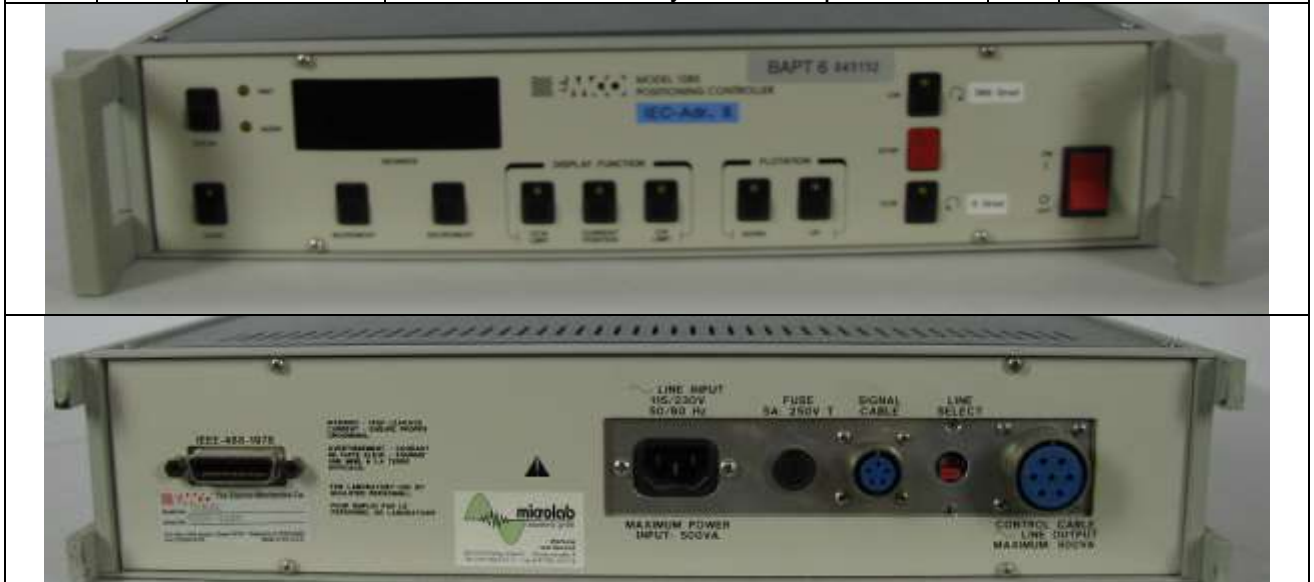
SECTION 6: CLAMPS

28)	1ea	MWB Messwandler- Bau	Capacitive coupling clamp probably for EFT / Burst.	€	360,00
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SECTION 7: GENERAL PURPOSE EQUIPMENT

29)	1ea	EMCO 1060C	EMCO positioning controller 1085. On the back we also read model 1060C. The device can control turntable and mast via front panel operation or via GPIB. Powers up but as we have no possibility to test we offer a right to return within 30 days after the purchase.	€	280,00
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30) EMC- Filters



Type	part number	phases	UR in V (AC)	f in Hz	I in A (AC)	condition	price €
Block EMC-Filter FB-40014A		0	0	0	0	housing only, with connectors	5,-
Block HFD 210-400/7		3	480	50/60	7	used, mint condition	50,-
Block EMC-Filter FB-40008A	B 0908022	3	480	50/60	8	used, mint condition	30,-
Block HLD 110-500/12		3	520	50/60	12	used, mint condition	50,-
Block EMC-Filter FB-40014A	B 0908023	3	480	50/60	14	used, mint condition	80,-
Block EMC-Filter FB-40014A	B 0908023	3	480	50/60	14	used, mint condition	80,-
Block RFI Filter FB-40 0014A-IT	B 0907056	3	480	50/60	14	signs of usage	80,-
Block HFD 210-400/16		3	480	50/60	16	used, mint condition	80,-
Block HLD 110-500/16		3	520	50/60	16	used, mint condition	80,-
Block EMC-Filter FB-40025A	B 0908024	3	480	50/60	25	used, mint condition	90,-
Block HFD 210-400/30		3	480	50/60	30	used, mint condition	90,-
Block HLD 110-500/30		3	520	50/60	30	used, mint condition	80,-
SCHAFFNER FS5972-35-07		3	480	50/60	35	used, mint condition	100,-
Block HLD 110-500/42		3	520	50/60	42	used, mint condition	70,-
Block EMC-Filter FB-40044A	B 0908025	3	480	50/60	44	used, mint condition	60,-
Block EMC-Filter FB-40044A	B 0908025	3	480	50/60	44	used, mint condition	60,-
Block HFD 210-400/55		3	480	50/60	55	used, mint condition	110,-
Block HLD 110-500/55		3	520	50/60	55	used, mint condition	80,-
Block HLD 810-500/55		3	520	50/60	55	signs of usage	70,-
Block EMC-Filter FB-40060A	B 0908026	3	480	50/60	60	used, mint condition	140,-
SCHAFFNER FS5972-60-07		3	480	50/60	60	unused, mint condition, OVP	140,-
SCHAFFNER FS5973-60-08		3	480	50/60	60	unused, mint condition, OVP	140,-
Block EMC-Filter FB-40072A	B 0908065	3	480	50/60	72	used, mint condition	90,-
Block EMC-Filter FB-40105A	B 0908029	3	480	50/60	105	used, signs of usage	130,-
Block RFI Filter FB-40 0170A-IT	B 0907058	3	520	50/60	170	used, mint condition	230,-
Block RFI Filter FB-40 0170A-IT (mod)	B 0907058	3	520	50/60	170	signs of usage	230,-
Block EMC-Filter FB-40250A	B 0908031	3	480	50/60	250	used, mint condition	360,-
SCHAFFNER FN3359HV-320-99		3	690	50/60	320	unused, mint condition	380,-
Block EMC-Filter FB-40414A	B 1001097	3	480	50/60	415	used, mint condition	480,-