

Livingston Summer Sales

July 2007

Test and
Measurement



£8000

Anritsu MS9710C
Optical Spectrum Analyser
600 - 1750nm



Tektronic CSA8200
Communication Signal
Analyser

£9426

Call Fiona or Jason
to place an order

Tel 0800 886000



Livingston

The Right Technology - when you want it!



www.livingston.co.uk

A selection of products available immediately for rental



JDSU Acterna
SmartClass Ethernet
1-Port 10/100/1000 &
Gig-E Tester



Exfo FTB 400
Universal Test
System for the
Communications
Industry



JDSU Acterna
MTS8000 Optical Test
Platform



Fluke
1745
Three Phase Power Quality Logger



Tektronix
MSO4000 Series
Mixed Signal
Oscilloscopes



Nemo Technologies
Nemo Outdoor Measurement
Tool for GSM/GPRS, EDGE, UTMS
and Tetra wireless air interfaces

Make / Model	Description	Sale Price £
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General Purpose Instruments

Agilent Technologies

16550A	100MHz State/500MHz Timing Card, 102 Ch	£541
16555D	68 Channels Logic Analysis Card 110MHz State/ 500MHz Timing	£912
16557D	68 Channels Logic Analysis Card 135MHz State/ 500MHz Timing	£980
16700A	5 Slots Logic Analyser Mainframe	£878
16700B	5 Slots Logic Analyser Mainframe	£1014
16702B/003	5 Slots Logic Analyser Mainframe	£3372
16715A	68 Channels Logic Analysis Card 167MHz State/ 667MHz Timing	£1318
16717A	68 Channels Logic Analysis Card 333MHz State/ 2GHz Timing	£1588
16740A	68 Channels Logic Analysis Card 200MHz State/ 2GHz Timing	£1318
16741A	68 Channels Logic Analysis Card 200MHz State/ 2GHz Timing	£1588
16900A/014	Logic Analyser Mainframe 6 slots	£6723
16950A/004	Logic Analysis Module 68 Channels	£13392
33120A	Function/Arbitrary Waveform Generator 15MHz	£912
3320B	Frequency Synthesiser 1Hz to 13MHz	£905
33220A	Function / Arbitrary Waveform Generator 20MHz	£1115
3325A	Synthesised Function Generator 21MHz	£515
34401A	Digital Multimeter 6.5 digit	£554
3478A	Digital Multimeter 5.5 digit	£334
4284A	Precision LCR Meter 20Hz to 1MHz	£5709
4291A	RF Impedance / Material Analyser 1MHz-1.8GHz	£11122
53131A	Universal Counter 225MHz 10-Digits	£912
53132A	Universal Counter 225MHz 12-Digits	£1385
54111D	Digital Oscilloscope 500MHz 2CH 1GSa/s	£1757
54120B	Digitising Oscilloscope Mainframe	£1689
54720A	Digital Oscilloscope Mainframe 1.5GHz	£1318
54720D	Digital Oscilloscope Mainframe 2GHz	£1588
54721A	2-Wide Amplifier Plug-In 1GHz	£439
54722A	Oscilloscope Module 1 Channel at 2GHz, 8GSa/s and 256K Memory	£1128
54832B	Digital Oscilloscope 4 Channels 1GHz 4GSa/s	£5334
54855A - 001/002/003/006	Digital Oscilloscope 4 Channels 6GHz	£28716
6024A	DC Power Supply 60V 10A	£878
6038A	DC Power Supply 60V 10A	£980
6542A	DC Power Supply 20V 10A	£811
6632A	DC Power Supply 20V 5A	£402
6632B	DC Power Supply 20V 5A	£980
6634A	DC Power Supply 100V 1A	£980
81110A	Pulse/Pattern Generator 165/330MHz	£3041
8116A	Pulse/Function Generator 1MHz-50MHz	£507



Anristu MW9070B
Multimode OTDR 850/1310nm
Price: £4500

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Test and Measurement Sales

Test and Measurement Sales

Make / Model	Description	Sale Price £	Make / Model	Description	Sale Price £
8175A	Analog Signal Generator 50MHz	£1453	Industrial Maintenance		
8657A - 001/002	Signal Generator 2GHz	£1486	Agilent Technologies		
8660D	Signal Generator Mainframe	£1250	16008	Resistivity Cell	£811
8901B	Modulation Analyser, 150 kHz to 1300MHz	£3372	Bruel & Kjaer		
8904A/004	Function Generator 600kHz	£617	4370	Accelerometer	£135
E3616A	DC Power Supply 35V 1.7A	£507	Fluke		
E3649A	Dual Output DC Power Supply, 35V, 1.4 or 60V, 0.8A	£1115	2635A	HYDRA Databucket Datalogger	£1993
EIP			GE Panametrics		
548A	Frequency Counter 10 Hz to 26.5GHz	£1115	PT868R	Portable Non-Intrusive Flowmeter c/w RTD	£3378
Keithley			Hawk		
2000	Digital Multimeter	£554	5000	Power Demand Analyser	£750
XL Microwave			Hioki		
3200/150	Frequency Counter 20GHz	£1655	8841	Memory Recorder 4 Channel 1MS/s	£2146
Lecroy			Megger		
SDA 6000	Serial Data Analyser 4ch 6GHz	£9950	DET5/4R	Digital Earth Tester	£345
US005APB-X	USB Analyser/Generator w/OTG	£11149	Metrohm		
Waverunner 6100/XDEV	Digital Oscilloscope 4ch 1GHz	£5068	ME103	Analogue Megohmmeter	£132
WS434	Digital Oscilloscope 4ch 350MHz	£4575	Sefram		
Rohde & Schwarz			8416	16 Channels Recorder	£5402
NGPV 20/5	DC Power Supply 20V 5A	£1014	Optical Test		
UPD - B4	Audio Analyser	£10034	Agilent Technologies		
Sorensen			8152A	Optical Power Meter	£507
DHP60 - 166M14	DC Power Supply 60V 166A	£2095	8153A + 2 x 81533A	Optical Power Meter	£959
Tektronix			8156A/100	Optical Attenuator	£1027
80E04	Dual Channel 20GHz Sampling Module TDR	£6753	Anritsu		
AWG710B	Arbitrary Waveform Generator	£21115	ML9001A + MA9711A	Optical Power Meter	£1182
CSA8200	Communications Signal Analyser	£9426	MS9720A	WDM Network Tester 1450nm - 1650nm	£3372
TDS540A	Digital Oscilloscope 4ch 500MHz	£3007	MW9076B	Singlemode OTDR 1310/1550nm	£5500
TDS7054/2M	Digital Oscilloscope 4ch 500MHz 5GS/s	£5402	JDSU Acterna		
TDS7154B/SM/ST/3M	Digital Oscilloscope 4ch 1.5GHz	£11824	MTS-5100/5023	Multimode OTDR 850/1310nm	£4500
TDS7704B/4M/ET3/			MTS-5200/5071	Optical Spectrum Analyser 1525-1570nm	£3345
HT3/ST/USB	Digital Oscilloscope 4ch 7GHz 20GS/s	£32095	Sunrise		
TLA7012	Logic Analyser Mainframe	£6078	Sunset SSMTT 35A	Singlemode Micro OTDR Module for MTT 1310/1550nm	£2000
TLA7AA4	136 Channel Logic Analysis Card	£8074			
TDS7404	Digital Oscilloscope 4ch 4GHz 20GS/s	£13176			
Yokogawa					
DL1540	Digital Oscilloscope 4ch 150MHz	£1588			
DL1740/11/B5/E2	Digital Oscilloscope 4ch 500MHz 1GS/s	£3916			
DL9240L	Digital Oscilloscope 4ch 1.5GHz	£10122			

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Anritsu MD1230A/MX123001A
Data Quality Analyser with Control
Software
Price: £6500



Anritsu/Nettest CMA5000/5266
Multimode OTDR 850/1310nm
Price: £4500

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Test and Measurement Sales

Test and Measurement Sales

Make / Model Description Sale Price £

RF & Microwave

Advantest

R3465 Spectrum Analyser 9kHz-8GHz £5068

Agilent Technologies

3585A Spectrum Analyser 20Hz-40MHz £1588
 3708A Noise Interference Test Set £3713
 8483A Power Sensor, 100 kHz to 2 GHz, -30 to +20 dBm £378
 8563E Spectrum Analyser 30Hz-26.5GHz £16689
 8566A Spectrum Analyser 100 Hz-22 GHz £4426
 8648B Signal Generator 9kHz-2GHz £2669
 8656B Signal Generator 990MHz £743
 8664A Signal Generator 100 kHz-3 GHz £7770
 E4406A Vector Signal Analyser 7MHz-4GHz £9760
 E4420B Signal Generator 250kHz-2GHz £3311

Anritsu

MG3692A/2A/5/13/18/24 Synthesised Signal Generator 2-20GHz £16500
 MG3694A v1 Synthesised Signal Generator 2-40GHz £24662
 MS2601A Spectrum Analyser 9 kHz-2.2GHz £1858
 MS2711D Handheld Spectrum Analyser 100kHz-3GHz £3500
 MS2721A Handheld Spectrum Analyser 100kHz-7.1GHz £6385
 MS4630A Vector Network Analyser £3716
 S820C v3 Sitemaster 1 port 3.3GHz to 20GHz £5743

Bird

43 Thruline Power Meter £236

IFR

2022C Signal Generator 10KHz-1GHz £980
 2024/03/04 Synthesised Signal Generator 2.4GHz £2669
 2031/001 Synthesised Signal Generator 2.7GHz £3345
 2051 Synthesised Signal Generator 2.7GHz £4696

Rohde & Schwarz

SMG Synthesised Signal Generator 100 kHz-1GHz £1520
 SML03/B3 Signal Generator 9kHz-3.3GHz £5574
 SMX Synthesised Signal Generator 1GHz £980
 SMY02 Synthesised Signal Generator 2GHz £3007
 URV5 Millivoltmeter £386

Tektronix

RSA3308/02/03/1A Real-Time Spectrum Analyser 8GHz £18074

Make / Model Description Sale Price £

Telecommunications

Anritsu

MP1550A STM 1& 4, Electrical & Optical - MP0121A, - MP0109A £2095
 MP1552B SDH/PDH Analyser - Prices from £837
 MP1552B STM 1& 4, Electrical & Optical - MP0121A, MP0111A £2365
 MP1552B STM 1& 4, Electrical & Optic /SONET - MP0121A, MP0111A, MP0122A £2432
 MP1570A/03/0113A /0121A/0122A SDH/PDH Analyser STM-1/4 1310/1550nm £3372
 MP1656A STM16 SDH Analyser £1419
 MU12101A 10/100M Ethernet Module £2500
 MU12012A Gigabit Ethernet Module £3500

Connecticut Technologies

ConnTech 2000 Escon Analyser £4439

JDSU Acterna

ANT-20 Network Tester - Prices from £1348
 FST-2802 2 ports 10/100/1000 Ethernet Analyser £6588
 PCM-4 MIC Automatic Test Set £5372

Tektronix

K1205/4/ETH Protocol Analyser mics/GSM/GPRS/Ethernet £8074

Wireless Test

Advantest

R3267/01/61/62/63/64/65 Digital Modulation Spectrum Analyser 20Hz-8GHz £7951

Agilent Technologies

E5515C/002/003 Radio Test Set Call for prices

Anritsu

MD8480B W-CDMA Signalling Tester £30581
 ML8720B W-CDMA (UMTS) Area Tester £3750
 MS8608A Digital Modulation Spectrum Analyser 7.8GHz £4951
 MS8609A v3 13GHz Digital Modulation Spectrum Analyser £9122
 MT8850A Bluetooth Analyser £5064
 MT8852A Bluetooth Analyser £6723
 S113C Site Master 1 port 2-1600MHz £2533

Bird

5000 Dual Element GSM/DCS Power Meter £1260

Rohde & Schwarz

CMU200 Tri-Band PCS/DCS Test Set from £11000
 FSQ3/B13/B17/B70/K11/K72 Digital Modulation Spectrum Analyser 3GHz £21956
 NAS + NAS-Z7 GSM/DCS Power Meter £1052

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Anritsu MT8820A
 Radio Communications Analyser
 Price: £12500



Agilent Technologies 8591E opt 010/041
 Spectrum Analyser 100kHz-1.9GHz
 Price: £2000

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