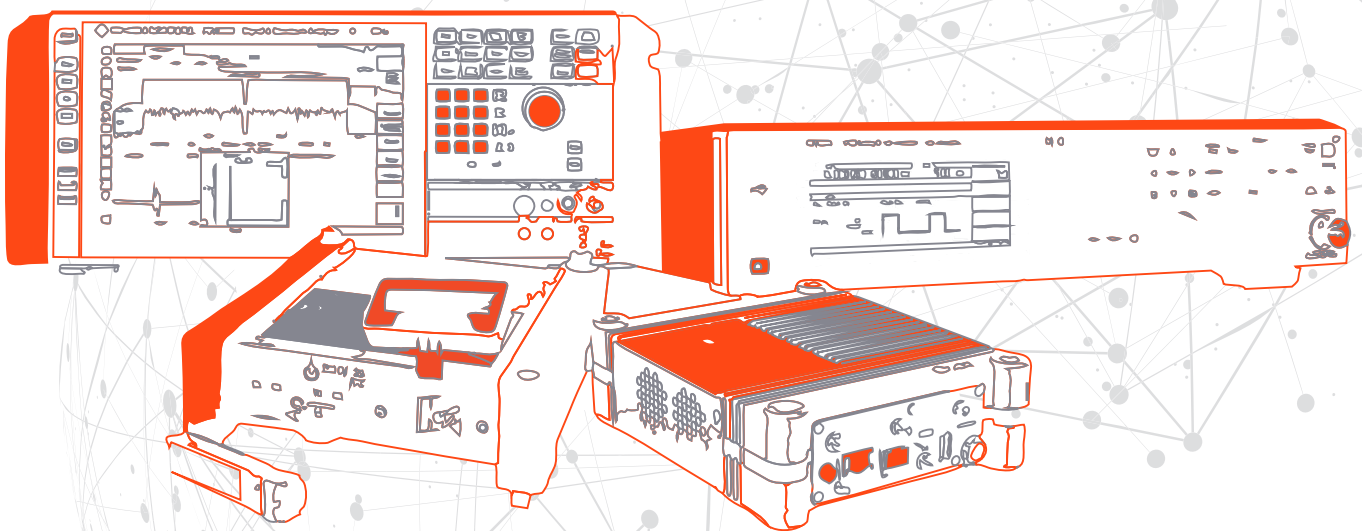


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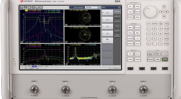
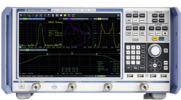
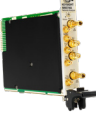


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## NETWORK ANALYSERS



MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Keysight Technologies</b> E5061B	<b>Network Analyser; S-parametre Test Set;</b> 100 kHz to 3 GHz, 50 ohm system impedance	£39,123 €45,148	<b>£12,352</b> <b>€14,254</b>	68%
 <b>Keysight Technologies</b> E5071C	<b>ENA Series Network Analyser;</b> 4-port Test Set, 100kHz to 8.5GHz with Bias-Ts	£69,246 €79,909	<b>£28,063</b> <b>€32,384</b>	59%
 <b>Keysight Technologies</b> E5080A	<b>ENA Series Network Analyser;</b> 4-port test set, 9 kHz to 9 GHz with bias tees	£68,936 €79,551	<b>£35,973</b> <b>€41,512</b>	48%
 <b>Keysight Technologies</b> ZNB8 (1311.6010.44)	<b>Vector Network Analyser;</b> 4 ports, 9kHz - 8.5GHz, N(f) connectors, Options B10, B14, B1	£63,308 €73,057	<b>£34,731</b> <b>€40,079</b>	45%
 <b>Keysight Technologies</b> M9374A	<b>300kHz-20GHz PXIe Network Analyser;</b> Options 551, 009, 010	£81,320 €93,842	<b>£38,970</b> <b>€44,971</b>	52%

## SPECTRUM ANALYSERS







MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Rohde &amp; Schwarz</b> FSV3013 (1330.5000.13)	<b>Signal and Spectrum Analyser;</b> 10 Hz to 13.6 GHz, 16:9 WXGA display, capacitive touchscreen	£154,150 €177,887	<b>£69,196</b> <b>€79,851</b>	55%
 <b>Rohde &amp; Schwarz</b> FSV4 (1321.3008.04)	<b>Signal and Spectrum Analyser;</b> 10Hz to 4GHz, -154dBm to +30dBm, resolutionbandwidth 1Hz to 10MHz	£63,627 €73,424	<b>£22,483</b> <b>€25,945</b>	65%

\* Pricing and availability subject to change. Flyer offers may not be reflected online. Additional configuration available upon request. Contact us for the latest details.

SPECTRUM ANALYSERS (Cont.)




MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Keysight Technologies</b> N9030B	<b>PXA Signal Analyser</b> ; Multi-touch, Frequency range, 2 Hz to 8.4 GHz + Options	£134,873 €155,642	£72,638 €83,823	46%
 <b>Rohde &amp; Schwarz</b> FSW43 (1 331.5003.43)	<b>Signal and Spectrum Analyser</b> ; 2 Hz to 43 GHz, -153 dBm to 30 dBm	£241,931 €279,184	£140,818 €162,502	42%

SIGNAL GENERATORS





MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Keysight Technologies</b> N5181B	<b>MXG X-Series RF Analog Signal Generator</b> ; Frequency range, 9 kHz to 6 GHz	£63,715 €73,526	£25,578 €29,517	60%
 <b>Keysight Technologies</b> N5171B	<b>EXG X-Series RF Analog Signal Generator</b> ; Frequency range, 9 kHz to 3 GHz	£20,642 €23,821	£8,814 €10,171	57%
 <b>Keysight Technologies</b> E8663D	<b>PSG RF Analog Signal Generator</b> ; Frequency Range from 100kHz to 3.2GHz, Enhanced ultra low phase noise	£52,453 €60,529	£26,505 €30,586	49%
 <b>Rohde &amp; Schwarz</b> SMA100B (1419.8888.02)	<b>Signal Generator Base Unit</b> ; frequency option (R&S@SMAB-B103/B106/ B112/B120/B131/B140/B140N/ B150)	£20,429 €23,575	£11,929 €13,765	42%
 <b>Keysight Technologies</b> E8257D	<b>PSG Analog Signal Generator</b> ; Frequency Range from 250kHz to 20GHz	£76,768 €88,589	£37,070 €42,778	52%
 <b>Keysight Technologies</b> 33250A	<b>Function/Arbitrary Waveform Generator</b> ; 80 MHz	£4,826 €5,569	£2,844 €3,282	41%

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## VECTOR SIGNAL GENERATORS

MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Rohde &amp; Schwarz</b> N5172B	<b>EXG X-Series RF Vector Signal Generator;</b> Frequency range, 9 kHz to 6 GHz	£61,664 €71,159	<b>£33,401</b> <b>€38,545</b>	46%
 <b>Rohde &amp; Schwarz</b> SMW200A (1412.0000.02)	<b>Vector Signal Generator, Base Unit;</b> Frequency option for RF path A (R&S®SMW-B1003/B1006/B1007/B1012)	£163,398 €188,559	<b>£91,430</b> <b>€105,509</b>	44%
 <b>Keysight Technologies</b> N5172B	<b>EXG X-Series RF Vector Signal Generator;</b> Frequency range, 9 kHz to 3 GHz	£44,893 €51,806	<b>£26,230</b> <b>€30,269</b>	42%

## OSCILLOSCOPES


MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Tektronix</b> DPO4054B	<b>500MHz 4CH Digital Phosphor Scope</b>	£12,928 €14,918	<b>£7,487</b> <b>€8,640</b>	42%
 <b>Keysight Technologies</b> MSOS404A	<b>Mixed Signal Oscilloscope-Infiniium S Series;</b> 4 GHz 4 channel	£61,121 €70,532	<b>£24,727</b> <b>€28,535</b>	60%
 <b>Keysight Technologies</b> EXR108A	<b>Infiniium EXR-Series Real-Time Oscilloscope;</b> 1 GHz, 16 GSa/s, 8 Ch	£53,139 €61,322	<b>£35,223</b> <b>€40,647</b>	34%
 <b>Keysight Technologies</b> MSOS804A	<b>Mixed Signal Oscilloscope-Infiniium S Series;</b> 8 GHz 4 channel	£102,089 €117,809	<b>£44,962</b> <b>€51,885</b>	56%

## OSCILLOSCOPE PROBES


MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Tektronix</b> TCP0150	<b>150 A AC/DC TekVPI®</b> current probe, 20 MHz BW	£5,965 €6,884	<b>£3,429</b> <b>€3,957</b>	43%

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## RF POWER METRES AND SENSORS

MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <p><b>Rohde &amp; Schwarz</b> NRP40TN (1424.6167.02)</p>	<b>Thermal Power Sensor LAN DC to 40 GHz; 300 nW to 100 mW 2.92 mm (m)</b>	£7,551 €8,713	<b>£3,185</b> <b>€3,676</b>	58%


## SOURCE MEASURE UNITS

MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <p><b>Keysight Technologies</b> B2902A</p>	<b>Precision Source/Measure Unit; 2ch, 100fA resolution, 210V, 3A DC/10.5A pulse</b>	£11,433 €13,193	<b>£6,533</b> <b>€7,539</b>	43%

## AC POWER SUPPLIES





MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <p><b>California Inst</b> CSW5550-400</p>	<b>Programmable AC plus DC Power Source Analyser; 1 or 3 phase; LXI Ethernet interface</b>	£33,541 €38,705	<b>£21,730</b> <b>€25,076</b>	35%

## DATA LOGGERS

MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <p><b>Keysight Technologies</b> 34980A</p>	<b>Multifunction Switch/Measure Unit; 6.5 Digit DMM</b>	£4,698 €5,422	<b>£2,211</b> <b>€2,551</b>	53%

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## OPTICAL TIME DOMAIN REFLECTOMETRES (OTDR)

MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Viavi</b> E4136MA3FCO-APC	<b>MTS4000</b> ; V2 PON 1310/1550/1625 NM APC Fiber Complete Module	£13,795 €15,920	<b>£4,459</b> <b>€5,146</b>	68%
 <b>EXFO</b> MAX-720C-SM1-XX	<b>MAX-720C</b> ; Access SM OTDR 1310/1550 nm, 36/35 dB (9/125 microm), iolm application	£6,220 €7,178	<b>£2,623</b> <b>€3,027</b>	58%
 <b>EXFO</b> MAX-720C-SM2-XX	<b>SM OTDR Module Port 1</b> ; 1310/1550 nm, 36/35 dB (9/125 µm) Port 2: Filtered 1625 nm, 35 dB	£7,693 €8,877	<b>£3,897</b> <b>€4,497</b>	49%
 <b>EXFO</b> MAX-730C-SM2-XX	<b>PON/Metro OTDR</b> ; EA-EUI-91 APC/SC; OTDR+IOLM software; WiFi & Bluetooth	£8,989 €10,374	<b>£5,846</b> <b>€6,746</b>	35%

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## CABLE AND ANTENNA ANALYSERS

MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Viavi</b> RA44MA-0	<b>Spectrum Analyser</b> ; 9 kHz to 44 GHz with Optical Hardware, ONA-800	£40,693 €46,960	<b>£16,862</b> <b>€19,459</b>	59%
 <b>Anritsu</b> S331E	<b>Site Master</b> ; 2 MHz - 4 GHz Cable & Antenna Analyser, Option 0019, 0010, 0021, PSN50	£13,344 €15,398	<b>£5,972</b> <b>€6,892</b>	55%
 <b>Anritsu</b> S331E	<b>Site Master</b> ; 2 MHz - 4 GHz Cable & Antenna Analyser with Options 10, 19 & 21	£12,032 €13,885	<b>£5,621</b> <b>€6,486</b>	53%
 <b>Anritsu</b> S331E	<b>Site Master</b> ; 2 MHz - 4 GHz Cable & Antenna Analyser	£11,406 €13,163	<b>£5,621</b> <b>€6,486</b>	51%

## OPTICAL SPECTRUM ANALYSERS





MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>EXFO</b> FTBx-5255-XX	<b>OSA with Polarization Controller and FTB-2 2-slot Modular mainframe</b>	£35,081 €40,483	<b>£14,164</b> <b>€16,345</b>	60%
 <b>EXFO</b> FTBx-5255-XX	<b>Optical Spectrum Analyser with Polarization Controller and WDM-aware In-band OSNR measurement OSA</b>	£43,778 €50,519	<b>£18,736</b> <b>€21,621</b>	57%
 <b>Viavi</b> OSA-110R (2304/91,14)	<b>PC Compact with In-Band OSNR</b> ; MTS 6000A V2 High Visibility Compact Platform	£20,269 €23,390	<b>£6,220</b> <b>€7,178</b>	69%

## PIM TESTERS




MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Anritsu</b> MW82119B	<b>PIM Master Passive Intermodulation Analyser</b> ; Option 900, E-GSM 900 MHz Frequency	£23,154 €26,719	<b>£5,958</b> <b>€6,875</b>	74%

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### PIM TESTERS (Cont.)

MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Kaelus</b> IPA-0790A	<b>800MHz (LTE 800) Passive Intermodulation Analyser;</b> Portable PIM Accessory Kit	£18,446 €21,286	<b>£7,487</b> <b>€8,640</b>	59%
 <b>Kaelus</b> IPA-1800A	<b>Portable PIM Analyser 1800MHz;</b> Portable PIM Accessory Kit	£18,446 €21,286	<b>£7,487</b> <b>€8,640</b>	59%
 <b>Anritsu</b> MW82119B	<b>PIM Master Passive Intermodulation Analyser;</b> Option 800, LTE 800 MHz Frequency	£23,154 €26,719	<b>£11,691</b> <b>€13,491</b>	50%
 <b>Kaelus</b> IPA-0901A	<b>Portable PIM Analyser 900MHz;</b> Portable PIM Accessory Kit	£17,743 €20,475	<b>£8,511</b> <b>€9,821</b>	52%

### PORTABLE TRANSMISSION TESTERS



MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Viavi</b> TB/MTS-5800-100G	<b>1/10/100GbE with OTU-1/2/2e/4 rates BER tester</b>	£46,564 €53,734	<b>£14,239</b> <b>€16,432</b>	69%
 <b>EXFO</b> FTB-880V2	<b>10Gbit/s NetBlazer Multi-Service Module;</b> 1/10G Ethernet, FTB-1v2 Pro mainframe	£9,574 €11,048	<b>£3,372</b> <b>€3,892</b>	65%
 <b>Viavi</b> EM8000E	<b>MTS-8000 V2 Tester for Standard Power;</b> E80EPMVFL, Power Meter and VFL Option	£7,781 €8,979	<b>£2,211</b> <b>€2,551</b>	72%

### DRIVE TEST EQUIPMENT



MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>PCTel</b> IBflex	<b>SeeGull multiple band scanner for drive test;</b> Super Config 570MHz -3.8GHz All Protocols	£24,254 €27,988	<b>£6,707</b> <b>€7,740</b>	72%

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### DRIVE TEST EQUIPMENT (Cont.)

MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>PCTel</b> EXflex	<b>300MHz-3.8GHz EXFlex SeeGull multiple band scanner for drive test; EUTRA Band 03, 07 20 &amp; 40</b>	£10,432 €12,038	<b>£4,871</b> <b>€5,621</b>	53%
 <b>PCTel</b> IBflex	<b>IBflex Super Config; 570MHz -3.8GHz All Protocols, GPS Antenna &amp; Enhanced Power Scan</b>	£23,207 €26,780	<b>£12,442</b> <b>€14,358</b>	46%


### ANTENNA ALIGNMENT TOOLS

MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Sunsight</b> AAT-30	<b>Antenna Alignment Tool base unit</b>	£4,793 €5,531	<b>£2,173</b> <b>€2,508</b>	55%
 <b>3Z Telecom</b> RFV2000	<b>Vision Antenna Alignment tool; Camera enable license</b>	£6,164 €7,113	<b>£3,935</b> <b>€4,540</b>	36%

### FUSION SPLICERS



MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Sumitomo</b> TYPE-72C-KIT	<b>High Definition Core Aligning Fusion Splicer</b>	£5,771 €6,659	<b>£2,098</b> <b>€2,422</b>	64%

### DSL TEST INSTRUMENTS


MODEL*	DESCRIPTION	LIST PRICE	SALE	SAVING
 <b>Intec</b> ARGUS 166 (116600)	<b>VDSL2 (inc. Profil 35b / Super Vectoring)</b>	£10,006 €11,546	<b>£3,372</b> <b>€3,892</b>	66%

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## ELECTROMAGNETIC FIELD MONITORS

MODEL *	DESCRIPTION	LIST PRICE	SALE	SAVING
 <p><b>Wavecontrol</b> SMP2 (WSN0001)</p>	<b>Broadband measurements (0 Hz - 60 GHz) - SMP2 Broadband;</b> Broadband field probe 100 kHz - 8 GHz	£4,911 €5,667	<b>£2,664</b> <b>€3,074</b>	46%
 <p><b>Narda</b> SRM-3006</p>	<b>Frequency Selective Radiation Metre;</b> E Field Probe 27MHz to 3GHz; RF Cable 1.5m	£19,574 €22,588	<b>£7,120</b> <b>€8,216</b>	64%

## NETWORK PERFORMANCE TESTERS

MODEL *	DESCRIPTION	LIST PRICE	SALE	SAVING
 <p><b>Viavi</b> ONT-804D (3078/04)</p>	<b>Optical Network Tester with Display with Flex Module</b>	£265,860 €306,798	<b>£49,837</b> <b>€57,511</b>	81%

## OPTICAL FIBRE MULTIMETRES

MODEL *	DESCRIPTION	LIST PRICE	SALE	SAVING
 <p><b>EXFO</b> OX1-PRO-MI-88</p>	<b>OX1 Optical Explorer Pro Version</b>	£5,164 €5,959	<b>£1,592</b> <b>€1,837</b>	69%



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## POWER LOGGERS

MODEL *		DESCRIPTION	LIST PRICE	SALE	SAVING
	<b>Fluke</b> 1748/30/INTL	<b>Power Quality Logger;</b> w/24IN/60CM 3,000A IFLEX, Intl Version	£6,042 €6,972	<b>£3,372</b> <b>€3,892</b>	44%
	<b>Fluke</b> 1736/EUS	<b>Three Phase Power Logger;</b> w/1500A Flex Current Probes	£6,025 €6,953	<b>£3,372</b> <b>€3,892</b>	44%

## BATTERY TESTERS

MODEL *		DESCRIPTION	LIST PRICE	SALE	SAVING
	<b>Fluke</b> BT521	<b>Advanced Battery Analyser</b>	£5,456 €6,296	<b>£2,294</b> <b>€2,647</b>	58%

## SOUND AND VIBRATION ANALYSERS

MODEL *		DESCRIPTION	LIST PRICE	SALE	SAVING
	<b>Fluke</b> II900	<b>Sonic Industrial Imager</b>	£18,689 €21,567	<b>£12,249</b> <b>€14,136</b>	34%

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