

TEST AND MEASUREMENT

# 2011 RENTAL SOLUTIONS GUIDE

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## LATEST ADDITIONS

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TechRentals is excited to update you on the recent additions to our test and measurement equipment fleet. Throughout the year, TechRentals continually adds quality equipment to keep up with industry requirements and standards. This enables you to get the job done effectively and efficiently, whilst freeing up capital expenditure. This brochure has a sample of the key equipment added to our equipment fleet during the course of 2011, and if you have a special requirement, please contact us to discuss.



### Agilent MSOX3024A 200MHz Scope 4+16Ch with Logic Analyser

AGI,MSOX3024A (1340)

Agilent InfiniiVision MSOX3024A

Mixed Signal Oscilloscope. 4 analogue and 16 digital channels 200MHz bandwidth, 4GS/s, 2Mpts memory, 1M/s waveform update rate. Search and navigate capability. Integrated time-aligned digital and analogue signal viewing. USB storage, LAN operability.



### Anritsu S332E Sitemaster including Spectrum Analyser

ANR,S332E (2141)

Anritsu antenna and cable analyser 2MHz to 4GHz and spectrum analyser 100kHz to 4GHz. DANL -152dBm.

Measures return loss, VSWR, cable loss, and Distance-To-Fault (DTF). N(f) Type port. Analysis software containing DTF and Smith chart tools included. Complete with calibration standard, AC/DC adaptor, and 12VDC car adaptor. Cable and antenna installation and maintenance for wireless service providers, contractors, military, aerospace, defence, and public safety applications.



### Anritsu S332E Sitemaster incl. Spec-An and Opt 431,31,509

ANR,S332E-CMAP-MOD (2142)

Anritsu antenna and cable analyser 2MHz to 4GHz and spectrum analyser 100kHz to 4GHz. DANL -

152dBm. Options included: indoor/outdoor Coverage Mapping, GPS Receiver and AM/FM/PM Analyser. Measures return loss, VSWR, cable loss, and Distance-To-Fault (DTF). Analysis software containing DTF and Smith chart tools included. Cable, antenna, installation and maintenance spectrum analysis, coverage mapping and AM/FM/PM demod for wireless service providers, contractors, military, aerospace, defence, and public safety applications.



### Agilent FieldFox 6GHz RF Analyser N9912A

AGI,N9912A (2145)

N9912A FieldFox cable and antenna analyser, frequency range 2MHz to 6GHz. Measures return loss, one-port cable loss, Distance-To-Fault (DTF), line sweeping, and VSWR. Applications include cable and antenna

installation and maintenance for wireless service providers, contractors, military, aerospace, defence, and public safety applications.



### PCTel Scanning Receiver

PCT,EX-QUAD (2365)

EX Scanner GSM 900/1800 WCDMA 2100/900. High Speed Top N Scrambling Code Scanning. GSM Colour Code

(BSIC) Scanning. Multiple Concurrent Measurements. RSSI and Immediate RSSI Reporting. Spectrum Analysis Measurements. Layer 3 BCH/BCCH Decoding. High Accuracy C/I Measurements. Built-in GPS Receiver.



### Spirent Communications SPT-9000A TestCenter

SPI,SPT-9000A (3243)

Spirent network performance analysis systems that includes software and hardware components to simplify and accelerate the testing process from

10Mb/s to 100Gb/s. Multiple interface cards, mainframes and software packages available.



### EXFO FTB-200 Fibre Channel Packet Blazer Test Module 8535

EXF,FTB200 8535 (3290)

1x, 2x, 4x and 10x full-line-rate Fibre Channel traffic generation and BER testing. Fibre Channel service characterisation. FC-0, FC-1 and FC-2

logical layer configuration for Fibre Channel port definition, testing and performance analysis.



### Kingfisher KI78010 Singlemode APC LS and KI7600 PM

KIN,KI78010-7600 (3360)

Kingfisher light source (KI78010) and power meter (KI7600) optical fibre test set for singlemode network and DWDM testing at 1310, 1550 and 1625nm. LS (KI78010) has Angled SC, FC and ST

interchangeable connectors. PM (KI7600) with InGaAs detector has large user memory and flexible real-time PC reporting software. Autotest provides automatic multi-wavelength loss testing. Power meter can be used for multiple, single and multimode wavelengths.

Rental - technology without  
obsolescence



**Fitel S153 Fusion Splicer and S325 Cleaver**

[FIT,S153A\\_S325 \(3399\)](#)

S153 Handheld Active Alignment Fusion Splicer. Active V-Groove technology used on the S153 Fusion Splicer delivers low loss splices while helping to eliminate common Fixed V-groove splicing errors. 7s splice time, auto-start shrink sleeve oven. Large memory for storing data (2,000 splice data) and images (100 images).

**Hart 1523 NATA Precision Handheld Thermometer**

[HAR,1523-NATA \(4514\)](#)



1523 single channel reference thermometer is a precision, portable, electronic thermometer with trending and 25 memory positions for NATA traceable calibration and high accuracy. Includes 5616 12" 100ohm Platinum Resistance Thermometer probe (PRT) -200 to 420°C, stability ±10mK, accuracy ±0.012°C at -200°C, ±0.011°C at 0°C, ±0.028°C at 420°C.



**Beamex PGXH, PGM and PGV**

[BEA,PUMPS \(4797\)](#)

Beamex PG series hand pumps includes handheld, lightweight pressure and vacuum sources for field use. The PG series of hand pumps are ideal pressure/vacuum generators to be used as accessories for pressure and vacuum calibration. Kit contains PGXH 0 to 700bar, PGM 0 to 20bar, PGV 0 to -0.95bar.

**PosiTector 200 B & C Ultrasonic Coating Thickness Gauge**

[DEF,POS-200ADV \(4805\)](#)

Defelsco PosiTector 200 Advanced ultrasonic coating thickness gauge with type B & C Probes. Measures coating thickness over wood, concrete, plastics, composites, etc. Will measure up to 3 individual layer thickness in a multi-layer system and features a graphic readout. Supplied with both B, 13 to 1000um for wood, plastic and composites and C probes 50 to 3800um for coatings on concrete, fibreglass etc. Accuracy is ±2um +3% of reading.

**Pruftechnik Rotalign Pro Laser Shaft Alignment Ex**

[PRU,ROT-PROEX \(4943\)](#)

Laser based rotating shaft alignment system. Maximum separation between emitter and receiver 10m. Aligns horizontal and vertical machines, aligns coupled and uncoupled shafts equally well. Intrinsically safe system.



**Universal Air Sample Pump**

[SKC,224-PCXR4 \(5940\)](#)

SKC Universal air sampling system for OH&S air sampling. Provides air flow rates from 5 to 500ml/min. Unit has hold function to allow for breaks. Uses 6C 2.4Ahr NiCd Batteries.

**TPS WP-80 pH and Temperature Meter for Testing Meat**

[TPS,WP-80M \(6002\)](#)

Portable handheld meter for pH, mV and temperature. The instrument is capable of applying Bendalls equation to the pH reading for Meat Standards Australia grading requirements. Supplied with combination pH electrode and separate temperature sensor on 1m cables. Operating ranges 0 to 14pH and -10 to 120°C (automatic sensor recognition with auto pH correction 0 to 100°C). Case water resistant to IP67, connectors to IP65. Menu driven, with alphanumeric display. Auto storage of time and date of last calibration for GLP. Memory for 2400 readings of data, time and date for Notepad results collection, or for AutoLog with logging intervals between 1s and 90h. Fitted with RS232C interface and supplied with download software, charger and solutions. Rechargeable NiMH battery gives up to 50h operation.



**GE Panametrics PT878 Ultrasonic Liquid Flow Energy Meter**

[PAN,PT878E \(6101\)](#)

Portable non-contact liquid flowmeter using transit-time principle. Includes transducers to measure energy and transducers

for pipe 50mm to 2mØ and temperatures -10 to 130°C (various alternative transducers available) with clamping fixture. Flow velocity range 0.03 to 12.2m/s. Accuracy typically 1%. Data logging for over 100K data points. Analogue inputs compatible with temperature transmitters for energy-flow calculations. Outputs analogue 4-20mA, digital (pulse or frequency) and printer/computer (Infrared port). Large LCD display for velocity, volumetric and energy flow rate, totalised flow and trend data in alphanumeric and graphical formats. Rechargeable NiMH batteries and AC power supply/charger.

**Weiss WKL100/40 Temperature and Humidity Chamber**

[WEI,WKL-100-40 \(6218\)](#)

Environmental Chamber for temperature and humidity control. -40 to 180°C. Humidity range 10 to 98% (between 10 to 95°C). Maximum heating rate 2.5°C/min, maximum cooling rate 3.5°C/min. Test space volume 100l 540mm high, 490mm wide and 380mm depth. Programmable touch screen controller logs actual test temperature and humidity. Includes Ethernet interface and control software. Single shelf, 50mm access port with large window to view samples.

**Fluke True RMS Clamp Meter 1000A AC/DC with Flex Probe**

[FLU,376 \(8733\)](#)

Fluke 376 True-RMS 2500A AC & 1000A DC Clamp meter, includes a flexible current probe. Will record Min, Max, and Average. Measures AC Volts (1000V), DC Volts (1000V), Resistance, Capacitance (1uF to 1000uF) and Continuity.



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## Flir E60 Infrared Thermal Imaging Camera

FLI,E60

Flir E60 infrared thermal image camera. -20 to 650°C, IR resolution 320x240, 60Hz, visual image 3mpix, built-in LED lamps, laser locator, scalable picture-in-picture. Touch screen, composite video out, Wi-Fi, and USB. Applications include electrical distribution, mechanical (belts, rollers, couplings, gaskets/seals, compressors etc), product development, HVAC/R, automotive. Bluetooth support for voice annotations and selected Extech equipment. PC software provided. iPhone/iPad app available.



## 53151A CW Microwave Frequency Counter 26.5GHz

AGI,53151A

This is a full-featured 26.5GHz CW microwave counter and power meter that is suited for bench top or ATE environments and is tough enough to handle the most rugged field applications. It has high performance with an extra-wideband input that will cover the RF and microwave spectrum from 50MHz to 26.5GHz. Frequency and power are measured at the same time with this same input.



## Beamex MC5-IS Multifunction NATA Calibrator

BEA,MC5-IS

Beamex MC5-IS Intrinsically Safe. Provides calibration capability for pressure, temperature, electrical and frequency signals. HART communication and CMX software provided. Calibration results can be stored or printed. Performs as a Field-Entry Device (FED) allowing for the recording of non-calibration related maintenance results.



## Megger Transformer Ohmmeter

MEG,MT0210

The MTO210 Transformer Ohmmeter is a line operated, field portable instrument designed to measure the DC resistance of all types of magnetic windings safely and accurately. Tests transformers and rotating machine windings and performs low-current resistance measurements on connections, contacts and control circuits. Direct 2 channel readings from 1MicroOhm to 2000Ohms. DC current tests up to 10A 0.25% accuracy.



## Datalogger DT80 with Mobile Connection Capability

DE,DT80M

Programmable logger with 5 to 15 Analogue Channels, 8 Digital Channels, SDI-12, Modbus and Canbus monitoring capability (using the DE,CANGATE). The logger has a built-in 2G/3G modem. Data and alarm information can be emailed and SMS alarms can be sent. You can browse to logger for easy configuration and download. The Logger also includes USB memory stick download.



## Fitel S123M12 Ribbon Fusion Splicer

FIT,S123M12

Fitel S123M12 handheld Fusion Splicer can splice from 1 to a maximum of 12 ribbon fibre. Protection sleeve shrink time is 35s for ribbon fibre sleeve, while splicing requires only 15s for 8 or 12 ribbon fibre allowing up to 160 splicing cycles (splicing/heating) by 2 battery packs installed in the main body.



## Fluke 810 Vibration Tester

FLU,810

Fluke 810 Vibration meter. Tests rotating machinery to determine the status of gearing wear etc. Used to: Troubleshoot equipment and understand cause of failure. Commission new equipment, etc.

Includes triaxial accelerometer and laser tachometer. Stores and reports FFT images to your PC. Very simple output that reports Pass and Fail on machinery condition.



## Olympus Ultrasonic Thickness Gauge

OLY,38DL

Olympus 38DL Plus Ultrasonic Thickness Gauge. Operates with dual and single element transducers, has colour transreflective VGA screen.

Includes datalogging capability. Does echo echo measurements. Supplied with transducers to measure Steel, Cast, Corroded Steel, Rubber, Fibreglass and Composites. Includes D7906-SM, M1038, M2008 M109-RM (including Delay line M202-RM) transducers.

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