



TEST & MEASUREMENT RENTAL EQUIPMENT SHORT FORM CATALOGUE

2009 2010

POPULAR PRODUCTS LISTING

WWW.CELEMETRIX.COM.AU
FREECALL 1800 256 838

Auto Off

Low Batt

1550nm

270Hz

1KHz

Celemetrix, What We Do

Celemetrix, a specialist test and measurement and consulting services company, provides a range of technical solutions that assist organisations to design, build and assure the performance of Telecommunications & IT networks.

Providing services throughout Asia Pacific helps Celemetrix address the latest challenges of the regional market. Our customer base includes the largest Telecommunications, IT and network construction companies. We often assist organisations achieve optimal network performance and assure the success of application and network technology deployments.

We operate as a vendor independent company separated into four operational business units:

- Test & Measurement Rental
- Technology Training
- Test & Measurement Repair and Calibration
- Professional Services

Successful delivery of these services is achieved through:

- Leveraging our state of the art technical facilities - qualified and certified
- Providing highly experienced, professional support
- Ensuring we are large enough to compete aggressively and nimble enough to act rapidly

**Remember, if you need to test it, monitor it or find it –
Celemetrix has mastered the art of measurement**

Contact Celemetrix at www.celemetrix.com.au or on **1800 256 838** to discuss your test and measurement services needs in detail.

Celexmetrix Rental Services

Celexmetrix possesses a modern fleet of test and measurement equipment that can be balanced to your financial and technical needs. Whether you need it for a day, a week, a month or a year, Celexmetrix can be relied upon to assist with your specific requirements. Leveraging from our extensive local fleet or via our strategic rental partner, Livingston, any quantity or type of equipment can be deployed with less than a day's notice.

We provide rental solutions for:

- Telecommunications transmission, cabling and commissioning.
- Data Communications analysis, cabling, scoping and commissioning.
- Radio Frequency deployments, maintenance and commissioning
- Electrical energy monitoring, generation, distribution, thermography, commissioning and maintenance
- Industrial equipment maintenance, monitoring, commissioning and analysis
- Mining equipment maintenance, monitoring, analysis and commissioning

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Power Testing

Power Analysers/Loggers



Fluke	435	Logging Power Quality Analyser	<p>Four Voltage and Current Channels</p> <p>Measurement of dips, swells, interruptions and transients.</p> <p>Harmonic Measurement to the 50th Harmonic</p> <p>Colour Display</p> <p>Three-phase troubleshooting tool: measures virtually every power system parameter.</p> <p>Fully compliant with the IEC 61000-4-30 Class A standard</p> <p>Simultaneously measures voltage and current on all three phases and neutral.</p> <p>600 V CAT IV, 1000 V CAT III safety standard.</p>
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Fluke	1735	3 Phase Power Logger	<p>Four Voltage and Current Inputs</p> <p>Measure maximum power demand over user defined period</p> <p>Measure total harmonic distortion</p> <p>Record power and associated parameters for up to 45 days</p> <p>Monitor maximum power demand over user-defined averaging periods</p>
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Fluke	1745	3 Phase Power Quality Logger	<p>Four Voltage and Current Channels</p> <p>Power Quality Assessment to EN50160</p> <p>Harmonics to the 50th Harmonic</p> <p>Plug and play: Setup in minutes with automatic current probe detection and powering</p> <p>Monitors power for the long-term: Data can be downloaded during recording without interruption</p>
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Power Testing Cont.

Power Analysers/Loggers Cont.



Gridsense	Powermonic PM40	3 Phase Power Quality Logger	<p>Three-in-One Instrument, Power Profiler, Disturbance Analyser and Harmonic Analyser</p> <p>Complies with all relevant international standards</p> <p>Portable, Compact, Rugged and Weatherproof (IP Rated)</p> <p>3 channel voltage, 3 channel current plus neutral</p> <p>Powered by metered phase with battery back up</p> <p>High speed RMS capture for logging 'events' such as fast motor starts and HVAC loads</p> <p>Waveform event capture (120ms of sine wave) with added transient trigger to record sub cycle waveform disturbances. e.g. spikes, switching capacitor banks, harmonic ripple etc.</p> <p>Individual harmonics up to 48th (V and I across all phases)</p> <p>Relative Harmonic Phase Angle</p> <p>Comes with 3000A Flexi CTs</p> <p>Measures flicker</p>
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Power Testing Cont.

Thermal Imaging



Fluke	Ti20	Thermal Imaging Camera	<ul style="list-style-type: none"> -10 to +350 ° C Temperature Range 128 x 96 FPA Detector Internal Storage for 50 Images USB Interface InsidIR Thermal Analysis Software Non-Contact Temperature Imaging Handheld Large colour display for easy viewing of data. Accuracy $\pm 2\%$ or $\pm 2^{\circ}\text{C}$
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Fluke	Ti25	Thermal Imaging Camera	<ul style="list-style-type: none"> -20 to +350°C Temperature Range 160 x 120 FPA Detector IR Fusion technology with IR and standard camera image SD Memory Card Storage for Images USB Memory Card Reader InsidIR Thermal Analysis Software Non-Contact Temperature Imaging Handheld Large colour display for easy viewing of data. Accuracy $\pm 2^{\circ}\text{C}$ or 2% Field of View $23^{\circ} \times 17^{\circ}$
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Network Cable Testing

Optical Cable Testers



Fluke Networks	DTX-MFM2	MM Fibre Module for Fluke DTX cable analyser	Multimode Fibre Module for use with the DTX1800 Wavelengths supported - 850 nm and 1300 nm Supplied as a pair SC Connectors
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Fluke Networks	DTX-OTDR	SM/MM LAN/WAN OTDR module for Fluke DTX cable analyser	Quad Band 850/1300nm Multimode and 1310/1550nm Single Mode Dynamic Range 24dB, 20km Range Deadzone 3.5m Internal Storage of 200 traces + SD Card Storage USB Interface
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Fluke Networks	DTX-SFM2	SM Fibre Module for Fluke DTX cable analyser	Single Mode Fibre Module for use with the DTX1800 Wavelengths supported - 1310 nm and 1550 nm Supplied as a pair SC Connectors
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Copper Cable Certification



Fluke Networks	DTX1800	Copper/Fibre LAN Cable Analyser	TIA Cat 3, 4, 5, 5e, and 6 and ISO/IEC Class C, D, E and F cable tester Wire Map Length Propagation Delay Delay Skew DC Loop Resistance Insertion Loss (Attenuation) Return Loss (RL), RL @ Remote NEXT, NEXT @ Remote Attenuation-to-crosstalk Ratio (ACR), ACR @ Remote ELFEXT, ELFEXT @ Remote Power Sum ELFEXT, PSELFEXT @ Remote Power Sum NEXT, PSNEXT @ Remote Power Sum ACR, PSACR @ Remote
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Optical Testing

OTDRs



Anritsu	CMA-5000-5246	Single Mode OTDR UltraTri 13/15/1625 nm 45dB w LS & PM	Handheld OTDR Mainframe with 5246 module 43/45/43dB Single Mode 1310/1550/1625nm with Light Source & Power Meter Universal Connector
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Anritsu	CMA4500-61	OTDR Quad Wavelength SM/MM 35/35/24/26dB	Handheld OTDR Mainframe with 61 Optics 35/35dB Single Mode 1310/1550nm and 24/26dB Multimode 850/1300nm Module Universal Connector
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Anritsu	CMA4500-46	OTDR Tri Wavelength SM 1310/1550 /1625nm 45dB	Handheld OTDR Mainframe with 46 Optics 43/45/43dB Single Mode 1310/1550/1625nm Module Universal Connector
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Optical Test Sets



Anritsu	CMA50-50LS356	Light Source & Power Meter pair SM/MM	Optical Light Source and Power Meter combo. Light source 1310/1550 /1625nm @ -7dBm. Power Meter +10dBm to -75dBm 850/1300/1310/1490/1550/1625nm
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Anritsu	CMA50-50LTS356	Anritsu CMA50 Tri Wavelength Loss Test Set Pair	Optical Loss Test Set Pair Dual Port Bi-Directional Test Set Pair Light source 1310/1550 /1625nm @ -7dBm. Power Meter +10dBm to -75dBm 850/1300/1310/1490/1550/1625nm
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Anritsu	CMA50-50LTS3456	Anritsu CMA50 Quad Wavelength Loss Test Set Pair with ORL FTTx	Optical Loss Test Set Pair Dual Port Bi-Directional Test Set Pair Light source 1310/1490/1550/1625nm @ -7dBm. Power Meter +10dBm to -75dBm 850/1300/1310/1490/1550 /1625nm With Optical Return Loss (ORL) option
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Optical Testing Cont.

Optical Test Sets Cont.



Exfo	PPM-350B-EG	Optical Power Meter PON FTTx	Optical PON Power Meter Two-port pass-through design, for full OLT-to-ONT communication while testing. Simultaneous measurement and display of all signal types—voice, data and video. Filtered measurements, providing distinct power values for each signal (1310 nm, 1490 nm and 1550 nm). 10 threshold sets, as well as pass/warning/fail indicators, showing that all signals fall within specified ranges—or not
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Splicers/Cleavers



Fitel	S177	Fusion Splicer Optical Fibre Core Alignment	Multimode and Single Mode suitable for use with SMF, MMF, DSF, NZDSF, CSF, PSCF, EPSC. Fully automatic core alignment with nine second splice time for SM fibre. Supplied with S325 Precision Cleaver and stripper. Automated splice program selection Compact, lightweight core-alignment splicer. Transflective LCD allows clear view even in direct sunlight.
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Fujikura	FSM-50S	Fusion Splicer Optical Fibre Core Alignment	Multimode and Single Mode suitable for use with SMF. DSF. NZ-DSF and MM fibres. Fully automatic core alignment with nine second splice time for SM fibre Automated splice program selection Supplied with CT-30 Precision Cleaver
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Optical Testing Cont.

Splicers/Cleavers Cont.



Fujikura	FSM-60S	Fusion Splicer Optical Fibre Core Alignment	Multimode and Single Mode Core to Core fibre alignment by PAS (Profile Alignment System) technology. Long life battery. Supplied with CT-30 Precision Cleaver
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Fujikura	CT-30	Precision Cleaver	Multimode and Single Mode Precision Fibre Optic Cleaver Built in sharps bin
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PK Technologies	FK-11	Precision Cleaver	Multimode and Single Mode Precision Fibre Optic Cleaver Ultrasonic anvil type
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Traffic Identifier

Haktronics	CF-591	Traffic Identifier	Fibre Optic Traffic Identifier with support for six different fibre types
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Optical Testing Cont.

Attenuator



JDSU	OLA-55-SM	SM Optical Attenuator	<p>Smart Optical Level Attenuator for system testing, installation, maintenance and production of Single Mode fibres.</p> <p>Minimised differential group delay (DGD) for use in 40 Gb/s systems.</p> <p>1260 to 1650 nm in 1 nm increments.</p> <p>2.0 to 60.0 dB calibrated at 1310/1550/1625nm.</p> <p>Accuracy ± 0.8 dB, Repeatability ± 1 dB</p>
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Visual Fault Locators



Kingfisher	K16351	Kingfisher K16351 Visual Fault Locator	<p>Simple to use</p> <p>Durable IP67 rated waterproof and drop resistant construction</p> <p>Class 2 laser device with 0.6 mW or -2.2 dBm typical power output</p> <p>635 nm Pulsed 2.5 mm</p> <p>Powered by 2xAAA for 40 hrs use</p>
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Fipos	VFL1000	Visual Fault Locator FTTx	<p>Lightweight (88g including battery)</p> <p>Eight hours continuous operation</p> <p>Laser diode Wavelength (nm) - 660 nm</p> <p>CW Output Power - > 10 mW into a Single-mode fibre</p> <p>Modulation Modes - CW or Pulsed (2-3 Hz)</p> <p>Range - 15 km</p> <p>Power - Two AAA alkaline batteries</p> <p>Fibre Type - Multimode or Single-mode</p>
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Optical Testing Cont.

PMD/CD/Attenuation Test Sets



Nettest	FD440	Chromatic Dispersion Test System	<p>CD Analysis using high powered lasers at 1310nm and 1550nm</p> <p>Dynamic range 34dB (1310nm) and 37dB (1550nm)</p> <p>Measures the total end-to-end dispersion of repeaterless systems</p> <p>Fully field-portable and lightweight measurement system</p> <p>Separate transmit and receive units for installed cable measurement</p>
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PerkinElmer	Nexus	PMD Test System	<p>Fibre PMD measurement using Interferometric Method with improved accuracy</p> <p>Battery-powered integrated unit with remote battery powered source</p> <p>Up to 50dB dynamic range</p> <p>0.05 to 130ps PMD range</p> <p>C Band Measurements</p> <p>Remote control capability</p>
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Video Inspection Probe



Anritsu	545	Video Inspection Probe	<p>Interchangeable adapters for all popular connector styles including angled polish and ability to view back panel fibre connectors through the bulkhead without removing them</p> <p>Complete digital operation ensures safe operation - no direct viewing required</p> <p>One cable design with standard USB interface</p> <p>Compatible with most Anritsu field test sets and Windows based Laptop PCs</p> <p>Magnification 400x digital probe</p> <p>Image storage format JPEG, BMP, PNG (depends on host product)</p>
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Transmission Testing

DSL Testers



Anacise	CSA ADSL2+	ADSL2+ Access Tester	<p>Modem Termination/Pass Through Tests.</p> <p>Ethernet Termination/Pass-Through Tests.</p> <p>Programmable Scheduling Test with Alarm/Events Logs.</p> <p>PLM™ Physical Loop Meter HW DMM/RFL/Distance to Open & Short Meter/Kick and Leakage Resistance Tests.</p>
Trend	MC2+	ADSL2+ Tester	<p>Endpoint and Through Modes</p> <p>Full ADSL, ADSL2, ADSL2+ and RE-ADSL2 support</p> <p>IP ping test</p> <p>Supports ITU-T G.dmt, G.lite and ANSI T1.413</p> <p>One-button result display</p> <p>Connection rate, line attenuation and noise margin</p> <p>Remote control</p>
Fluke Networks	990DSL	DSL Test Set and TDR	<p>Finds shorts, grounds and loop with distance conversion and Resistive fault location</p> <p>Distance to fault TDR and load coil counter</p> <p>Voice frequency and wideband noise, loss, longitudinal balance and tone testing</p> <p>Wideband spectral analysis</p> <p>ADSL and XDSL Autotest for pair qualification</p> <p>ADSL verification test for connectivity testing</p> <p>TDR Autotest and pair comparison</p>

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Transmission Testing Cont.

Transmission Testers

Anritsu	CMA3000	2Mbps and GigE Tester	<p>Simultaneous bi-directional 2MBps Monitoring</p> <p>Unframed and Framed Nx64kbps testing</p> <p>Traffic generation capabilities up to full line rate 10/100/Gig Ethernet</p> <p>Automated RFC 2544 testing of Throughput, Frame loss, Latency, Packet jitter, Burstability</p> <p>Ethernet IPv4 and IPv6 support</p> <p>QoS verification over Ethernet</p>
Anritsu	CMA3000	2Mbps GigE and SDH to STM4	<p>Simultaneous bi-directional 2MBps and SDH Monitoring</p> <p>Unframed and Framed Nx64kbps testing</p> <p>Traffic generation capabilities up to full line rate 10/100/Gig Ethernet</p> <p>Automated RFC 2544 testing of Throughput, Frame loss, Latency, Packet jitter, Burstability</p> <p>Ethernet IPv4 and IPv6 support</p> <p>QoS verification over Ethernet</p> <p>Mapping & Demapping SDH/PDH</p> <p>SDH Error Alarm and Statistics</p> <p>STM1 Electrical & STM1/4 Optical (1310/1550) interfaces</p> <p>Framing/Mapping to G.707 and Error Performance to G.826</p>
Anritsu	CMA3000	2Mbps, Data I/F, GigE and SDH to STM16	<p>Simultaneous bi-directional 2MBps and SDH Monitoring</p> <p>Unframed and Framed Nx64kbps testing</p> <p>V/X Series Data Interface</p> <p>Traffic generation capabilities up to full line rate 10/100/Gig Ethernet</p> <p>Automated RFC 2544 testing of Throughput, Frame loss, Latency, Packet jitter, Burstability</p> <p>Ethernet IPv4 and IPv6 support</p> <p>QoS verification over Ethernet</p> <p>Mapping & Demapping SDH/PDH</p> <p>SDH Error Alarm and Statistics</p> <p>STM1 Electrical & STM1/4 Optical (1310/1550) interfaces</p> <p>Framing/Mapping to G.707 and Error Performance to G.826</p>



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Transmission Testing Cont.

Transmission Testers Cont.



Anritsu/ Nettest	5700-002-REFL	Dual Port Ethernet Reflector	Simple, unattended operation Battery or AC power Full line rate Gigabit Ethernet capability Interchangeable SFP optics Dual optical/electrical ports LED link status and speed indicators Full auto-negotiation
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Ethernet Tester



Fluke Networks	Metroscope	GB Ethernet test set for RFC 2544 SLA testing and in-depth IP analysis of Carrier Ethernet services.	Complete RFC 2544 SLA Testing Jitter and Server response time measurements Powerful customised scripting for optimised testing In-depth traffic monitoring and active network discovery Remote control via web browser
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PDH/SDH Testers



Trend	Victoria	PDH/SDH Tester to STM16	Universal tester for SDH, SONET, PDH and T-Carrier Dedicated, powerful tester for up to STM-16/OC-48 Battery and mains operated TCP/IP connectivity provides control via any network Multi-Task and Multi-User Ethernet, TCP/IP, Wireless and RS-232 connectivity ITU-T-compliant line attenuation compensation Built-in Stratum 3 clock Reference Clock Inputs and Output Removable optical connectors Single connector for all electrical interfaces
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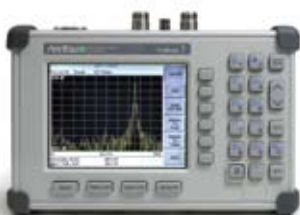
Transmission Testing Cont.

PDH/SDH Testers Cont.



Anritsu	CMA5000-5625-000	SDH Analyser to STM16 with DS1-3, STS1-3 & E1-E4	Handheld Multifunction Mainframe with CMA 5000 OTA 2.5G module Test module for T-Carriers/PDH and SONET/SDH technologies up to 2.5 Gbit/s Optical interfaces at 1310 nm and 1550 nm for OC-3/12/48 and STM1/4/16 Electrical interfaces for DS1, DS3, STS1, STS3 and E1, E3, E4, STM1
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Antenna/Cable Tester



Anritsu	S331D	Transmission Line & Antenna Analyser (25 - 4000MHz)	Frequency Range 25-4000MHz Dynamic Range: 60dB; single port N female Ω Internal memory saves up to 300 traces and 25 setups Distance-to-fault (DTF) - precision SWR and return loss measurements with immunity to line RF interference Handheld battery-operated design Long range, high resolution fault location Pop-up cable menus containing over 95 cable types Intuitive and easy to use with On-Screen Test Set-Ups
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Ixia Overview

Celemetrix offers a wide range of Ixia products to test the performance and compliance of communications equipment. Ixia's test applications run on a common platform, giving the user unprecedented flexibility and the ability to leverage the test equipment for multiple applications.

Ixia's equipment is used to assess the performance and compliance of equipment under real world traffic during the development phase, and prior to delivery to customers. Ixia's systems are used for both pre-deployment and post-deployment testing, and are used to confirm equipment performance specifications and to assess network performance metrics both before and after installation.

Ixia's solutions cover the range of technologies used in today's modern networks, including triple play delivery, IPTV, broadband, wireless, both TDM voice and VoIP, and a range of security protocols, and are accompanied by an industry-leading set of automation tools.

A test system comprises:

- Test Applications
- Chassis
- Interfaces

Ixia Test Applications

The following are some of the more common test application suites. Please contact us if you require test suites with other functionality. All chassis are supplied with the base IX Explore suite.

Aptixia	IxAutomate	Automates performance, scalability, and functional testing of network devices
Aptixia	IxLoad	Generate layer 4-7 traffic for content-aware device assessment
Aptixia	IxNetwork	Characterize the performance and scalability of routers and switches



1550nm

BRIDSENSE PM40

Ixia Chassis



Ixia Chassis

Optixia®	XM12	12 slot high density, high performance chassis
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Optixia®	XM2	2 slot portable, high performance chassis
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Ixia	400T	4 slot portable chassis (Comes with IX Explore Base Software licence and IX Automate RFC2544 Software licence)
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Ixia Interfaces

Interfaces - 10 Gigabit

XM2/XM12 Chassis	IxYukon High Density 10 Gigabit Ethernet XM Load Modules	Ixia's IxYukon offers 10 GbE testing with the highest density, lowest cost, and greenest power consumption. Up to 96 ports in a chassis!
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XM2/XM12 Chassis	10GBASE-T Ethernet LAN Services Module	Ixia's IxYukon offers 10 GbE testing with the highest density, lowest cost, and greenest power consumption. Up to 96 ports in a chassis!
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XM2/XM12 Chassis	10 Gigabit Ethernet XM LAN Services Modules	3 port 10 gigabit Ethernet layer 2-7 XM load modules
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400T Chassis	10 Gigabit Universal Multi-Services Module	1 port 10 gigabit (10GE LAN/WAN, OC-192c packet over SONET) load module with optional SONET/SDH VCAT channelized
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400T Chassis	10 Gigabit Ethernet XFP/XENPAK/X2 LAN Services Module	1 port 10 gigabit Ethernet LAN/WAN XFP/XENPAK layer 2-7 load module
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400T Chassis	10 Gigabit Ethernet LAN Services Module with MACSec	1 port 10 gigabit Ethernet LAN/WAN layer 2-7 load module with MACSec support at full line rate
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Interfaces - 1 and 10 Gigabit Ethernet

XM2/XM12 Chassis	Gigabit and 10 Gigabit Ethernet XMV12X Application & Streams Module	12 ports 10/100/1000 Mbps copper/fiber Ethernet layer 2-7 and 1 port 10 gigabit Ethernet LAN/WAN XFP layer 4-7 load module
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Ixia Interfaces Cont.

Interfaces - 10/100/1000 Mbps Ethernet



XM2/XM12 Chassis	Gigabit Ethernet XMV LAN Services Modules	16 port 10/100/1000 Mbps copper/fiber Ethernet layer 2-7 XMV load modules
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XM2/XM12 Chassis	10/100 Mbps and Gigabit Ethernet XMS Load Modules	12 port 10/100/1000 Mbps copper/fiber Ethernet layer 2-7 XMS load modules
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400T Chassis	10/100 Mbps & Gigabit Ethernet TXS Load Modules	4 port 10/100/1000 Mbps copper/fiber Ethernet layer 2-7 TXS load modules
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Interfaces - Application Modules

400T Chassis	Application Load Module	8 port 10/100/1000 Mbps copper Ethernet layer 4-7 application load module
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400T Chassis	Encryption Load Module	2 port 10/100/1000 Mbps copper/fiber Ethernet IPSec encryption load module
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400T Chassis	Power over Ethernet Load Module	4 port power over Ethernet powered device emulator module
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Ixia Interfaces Cont.

Interfaces - Packet over SONET

400T Chassis	OC-48c/ OC-192c Multi-Services Modules	1 port OC-48c packet over SONET load module with optional SONET/SDH VCAT channelized
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400T Chassis	1 port 10 gigabit (10GE LAN/WAN, OC-192c packet over SONET) load module with optional SONET/SDH VCAT channelized
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400T Chassis	OC-3/OC-12c Packet Over SONET/SDH Load Module	2 port OC-3/OC-12 packet over SONET load module
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400T Chassis	OC-3/OC-12c Asynchronous Transfer Mode (ATM) Load Module	2 port OC-3/OC-12 ATM load module
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Manufacturer / Model Index

Manufacturer	Model	Description	Pg
Anacise	CSA ADSL2+	ADSL2+ Access Tester	14
Anritsu	545	Video Inspection Probe	13
Anritsu	5700-002-REFL	Dual Port Ethernet Reflector	16
Anritsu	CMA3000	2Mbps & GE Ethernet Tester	15
Anritsu	CMA3000	2Mbps, GE Ethernet, & SDH Tester	15
Anritsu	CMA3000	2Mbps, GE Ethernet, & SDH Tester with V Series I/F	15
Anritsu	CMA4500-46	SM OTDR - Tri Wavelength	09
Anritsu	CMA4500-61	SM/MM OTDR - Quad Wavelength	09
Anritsu	CMA5000-5246	SM OTDR - Tri Wavelength	09
Anritsu	CMA5000-5625-000	STM1-16 SDH Test Set	17
Anritsu	CMA50-50LS356	SM LS/PM Combo	09
Anritsu	CMA50-50LTS3456	SM LS/PM ORL Loss Test Set Combo	09
Anritsu	CMA50-50LTS356	SM LS/PM Loss Test Set Combo	09
Anritsu	S331D	Sitemaster Cable/Antenna Test Set	17
Exfo	PPM-350B-EG	Optical PON PM	10
Fipos	VFL-1000	Visual Fault Locator	12
Fitel	S177	Fusion Splicer	10
Fluke	1735	3 Phase Power Logger	05
Fluke	1745	3 Phase Power Quality Logger	05
Fluke	435	Logging Power Quality Analyser	05
Fluke	Ti20	Thermal Imaging Camera	07
Fluke	Ti25	Thermal Imaging Camera	07
Fluke Networks	990DSL	DSL & TDR Test Set	14
Fluke Networks	DTX1800	Copper/Fibre Cable analyser	08
Fluke Networks	DTX-MFM2	MM Fibre Modules for DTX cable analyser	08
Fluke Networks	DTX-OTDR	SM/MM OTDR Module for DTX cable analyser	08
Fluke Networks	DTX-SFM2	SM Fibre Modules for DTX cable analyser	08
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Test & Measurement Repair & Calibration

The return on investment calculation includes the long-term cost of ownership of any asset. Total ongoing costs of ownership are directly related to the service and support provided by the supplier. Having to ship equipment to any overseas manufacturer for repair or calibration is a time consuming process. Celemetrix provides a range of support services including;

- Repair • Calibration • Mobile Calibration • Asset Management

The Celemetrix service centre provides a comprehensive optical and electrical facility supporting a fleet of over 10,000 individual items of equipment owned by many of the top names within this industry. Celemetrix's ISO 9001:2000 lab and all the equipment used is certified and traceable to the National Standards and customer's access to reporting and data is assured. Celemetrix is a trusted service centre for Fluke Networks and Anritsu – two of the largest global test and measurement brands.

Technology Training

Maximising the return of a company's most valuable asset requires continual training to ensure all members of the team are educated to the highest standards. Celemetrix provides a variety of industry-specific training packages covering the following technologies:

- Access Networks • Core Network Technology • Infrastructure Technology

Celemetrix's training courses offer practical, hands-on telecommunications learning combining knowledge plus experience. Training focuses on technologies and practices needed to build, assess, fault-find and commission large-scale Telecommunications networks. Many courses on offer are Telstra-certified. Our trainers are qualified with Cert IV in Assessment and Workplace Training.

Professional Services

How do you manage your need for specialised technology or skills to meet an immediate challenge when the numbers don't favour capital expenditure or additional personnel? Whether dealing with the expected day-to-day issues or tackling a large-scale critical project, Celemetrix can provide a commercially flexible technical resource to ensure the desired outcome is achieved.

Combining our internal technical expertise with our extensive range of specialised tools, Celemetrix can provide:

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- Acceptance testing • Network benchmarking • Fault diagnostics
- Long term remote monitoring of network performance • Result analysis and interpretation • Network auditing • Network design

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Celemetrix has mastered the art of measurement**

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- We provide fully calibrated and maintained equipment. Other rental companies only provide functional testing, not calibration. What does your current rental provider supply you with?
- We supply technical support and backup to get you up and running quickly. Does your current rental provider have a staff of expert technicians?
- We only charge you for the time you use the equipment. Does your current provider charge you for weekends and transit times or other instances where you're not using the equipment?
- Our rental rates provide value for money. Does your current provider make you wonder why you don't just purchase the equipment because their rental rates are so high?
- We make the rental experience pleasurable. Other providers make you jump through hoops but we value your patronage and do whatever we can to ensure your utmost satisfaction.

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