

Oscium iOS Test Instruments for iPad, iPhone & iPod

Oscium's innovative test equipment modules take advantage of the intuitive features and touchscreen technology of the iPad, iPhone, and iPod Touch and interface via the iOS family's 30-pin dock connector to create a new category of cutting edge test equipment called iOS Test. Oscium's iOS Test equipment platform is uniquely intuitive, portable and modular.

Oscium's iMOS-104 iPad oscilloscope was also recently recognised as one of the 100 most technologically significant products of 2012 with the prestigious "R&D100 Award" by the editors of R&D Magazine in the US.

WiPry-Combo Spectrum Analyser & Dynamic Power Meter



The WiPry-Combo 2.4GHz ISM band spectrum analyser and peak power meter, allows you to pry into signal power, spectral, and time characteristics. WiPry-Combo visualizes Wi-Fi, Zigbee, Bluetooth and remote sensor networks using spectral mode and measures rise and fall time, duty cycle and peak power with the power meter.

OSCIUM WiPry Combo

Spectrum Analyser Mode

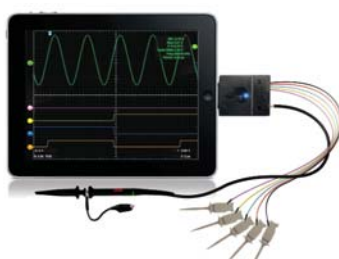
- ▶ 2.4-2.495GHz: Wi-Fi, Bluetooth, Zigbee
- ▶ Amplitude Range: -40dBm to +20dBm
- ▶ Amplitude Resolution: 2.0dBm
- ▶ Resolution Bandwidth: 1MHz
- ▶ Sweep Time: 200ms
- ▶ Antenna: External with SMB
- ▶ Fully configurable real time views
- ▶ Waterfall view
- ▶ Data logging in csv format

Dynamic Power Meter Mode

- ▶ Frequency Range: 100 MHz to 2.7 GHz
- ▶ Timescale: 2 μ s/div to 1 s/div
- ▶ Antenna: External with SMB connector
- ▶ Amplitude Range: -45dBm to +20dBm
- ▶ Amplitude Resolution: 2.0dBm
- ▶ Optional conducted measurements kit

ONLY \$199 ex GST

iMSO-104 Mixed Signal Oscilloscope



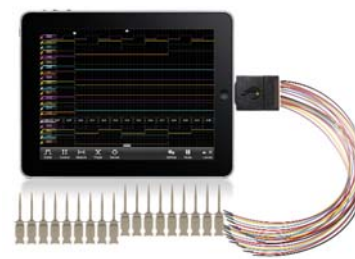
The iMSO-104 is the world's first mixed signal oscilloscope designed specifically for the iPhone, iPod touch, & iPad. The iMSO-104 is intuitive, which means you can spend more time debugging than fumbling with an oscilloscope interface.

OSCIUM iMSO-104

- ▶ Analog 1 Channel, 8 bit
- ▶ Digital 4 Channels
- ▶ Digital Probe 4 bits, 1 Gnd
- ▶ 0.1" Connectors with SMD Grabbers
- ▶ Analog Bandwidth 5MHz
- ▶ Max Sample Rate 12MSPS
- ▶ Horizontal Sensitivity 2 μ S/div-1S/div
- ▶ Live Measurements 6

ONLY \$299 ex GST

LogiScope Logic Analyser



LogiScope is a 100MHz, 16 channel logic analyzer. The touchscreen-based iOS platform is truly a superior solution making the display simple and intuitive. For example, changing the timescale is as easy as zooming into a picture on a smartphone or tablet, and adjusting the delay is as simple as a swipe across the top of the screen.

OSCIUM LogiScope

- ▶ 100 MHz, 16 channel logic analyzer
- ▶ Two logic harnesses (each with 8 digital, 1 ground)
- ▶ Protocol decoding: I2C, SPI, UART, Parallel
- ▶ Works with 2.0v, 2.5v, 3.3v & 5.0v systems
- ▶ Portable: goes where you go
- ▶ Input voltage -0.5v to +7v
- ▶ Advanced triggering

ONLY \$399 ex GST

Free Software Test Drive:



Australia's Lowest Price 1.5GHz Spectrum Analyser



Rigol Technologies have broken the price barrier on spectrum analysers with the new DSA-815, easily Australia's lowest price 1.5GHz spectrum analyser!

Rigol's DSA-815 is priced as affordably as digital storage oscilloscopes and will finally allow spectrum analysers to become a standard instrument on every educational laboratory and service department benchtop.

- ▶ Frequency Range 9kHz – 1.5GHz
- ▶ Resolution Bandwidth 100Hz minimum
- ▶ Display 8-inch TFT LCD colour; 800 x 480 pixel resolution
- ▶ PreAmp & AM/FM Demodulation Standard
- ▶ Options:
 - Tracking Generator
 - EMI Filter & Quasi Peak Detector
 - VSWR Measurement Kit
- ▶ Supports communication with PC and remote control via: LAN, USB and GPIB (opt)

Rigol DSA-815 1.5GHz Spectrum Analyser	\$1,295 ex GST
Rigol DSA-800-TG Tracking Generator Option	\$210 ex GST

TTi 3GHz Frequency Counter



The PFM3000 offers high sensitivity frequency measurement from 3Hz up to 3GHz in two overlapping ranges. Period measurement is also provided from 8ns to 330ms. The PFM3000 uses a continuous reciprocal measurement technique to provide high resolution at all frequencies.

- ▶ 3 Hz to 3000 MHz in two overlapping ranges
- ▶ High input sensitivity over the full frequency range
- ▶ High impedance measurement up to 125 MHz
- ▶ Reciprocal counting technique gives superior resolution
- ▶ Period measurement from 3 Hz to 125 MHz
- ▶ Push-to-measure function with auto power-down
- ▶ Large 8+ digit display with full range of annunciators
- ▶ Selectable measurement time; display hold function
- ▶ Noise filter for low frequency measurements

TTi TF930	\$447 ex GST
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Australia's Best Value Digital Storage Oscilloscopes



Now you've got no excuse ... update your old analogue scopes!

Whether you're a TAFE, university, workshop, service technician or hobbyist, the Rigol DS-1000E guarantee Australia's best price.

RIGOL DS-1052E 50MHz

- ▶ 50MHz Bandwidth, 2 Ch
- ▶ 1GS/s Real Time Sampling
- ▶ 512k Memory Per Channel
- ▶ USB Device & Host Support

ONLY \$329 ex GST

RIGOL DS-1102E 100MHz

- ▶ 100MHz Bandwidth, 2 Ch
- ▶ 1GS/s Real Time Sampling
- ▶ 512k Memory Per Channel
- ▶ USB Device & Host Support

ONLY \$399 ex GST

GW Triple Output DC Power Supplies



The GPC-Series are triple output, 195 to 375W, linear DC power supplies. Channel 1 and 2 are fully adjustable (model dependant) and Channel 3 is fixed at 5V/3A with ripple and noise at less than 2mVrms. Include overload and reverse polarity protection.

- ▶ Triple Output
- ▶ Auto Tracking
- ▶ Auto Series and Parallel Operation
- ▶ Constant Voltage and Constant Current Operation
- ▶ Low Ripple and Noise
- ▶ Internal Select for Continuous or Dynamic Load
- ▶ Overload and Reverse Polarity Protection

GPC-1850D 2 x 18V 0-5A \$473 ex GST
 GPC-3030D 2 x 30V, 0-3A \$467 ex GST
 GPC-3030DQ 2 x 30V 0-3A \$518 ex GST with V & A digital displays

Bode 100 Network Vector Analyser



With the multifunctional Bode 100 you get an exact picture of your electronic circuits and components in a frequency range from 1 Hz to 40 MHz. The Bode 100 is not only a state of the art Vector Network Analyzer, it also works as

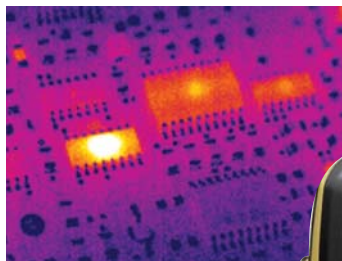
- ▶ Frequency Response Analyzer
- ▶ Impedance Meter
- ▶ Gain Phase Meter
- ▶ Sine Wave Generator

With the Bode 100 you can analyse:

- ▶ Complex gain
- ▶ Complex impedance and admittance
- ▶ Reflection coefficient and return loss
- ▶ Ultrasonic and piezo electric systems
- ▶ Stability of control circuits such as DC/DC converters in power supplies
- ▶ Swept S-parameters of electronic circuits
- ▶ Group delay characteristics of your DUT
- ▶ Frequency dependent impedance of high Q-circuits like oscillating crystals

Omicron Bode 100 \$6,497 ex GST

Thermal Imagers for PCB Inspections



- ▶ High precision 384 x 288 array
- ▶ Extra large 3.5" high resolution display
- ▶ Visible light camera with LV version and DuoVision picture-in-picture display
- ▶ Accuracy $\pm 2\%$ or $\pm 2^\circ\text{C}$
- ▶ Focal distance 0.10m
- ▶ Frame rate 50/60Hz
- ▶ 4 moveable spots
- ▶ 2.5 hours battery operating time
- ▶ Real Time USB (option)
- ▶ Multi-page reporting and analysis software included

Trotec IC080L \$5,374 ex GST
 Trotec IC080LV \$6,719 ex GST

PC-Based Differential Oscilloscope



The PicoScope 3425 has four fully differential inputs that allow you to measure signals that are not referenced to ground. With a maximum common mode and differential range of 400 V, the PicoScope 3425 is capable of measuring both high voltage and low level signals.

Typical high voltage applications include capturing waveforms from switch mode power supplies, telephone cables, motor inverters and hybrid vehicles. The high impedance differential inputs also allow measurements on sensitive amplifiers and from bridge type sensors for pressure, load and strain.

- ▶ 4 Channels
- ▶ 12 resolution
- ▶ 20 MS/s real-time sample rate
- ▶ 5 MHz bandwidth
- ▶ 512,000 sample buffer memory
- ▶ 400 V differential & common-mode range
- ▶ USB 2.0 connected and powered

Pico PicoScope 3425 \$1,512 ex GST

Rigol DS-2000 Series DSOs



- ▶ Wider vertical range(500uV/div ~ 10V/div), lower noise floor, better for small signal capturing
- ▶ 256 level intensity graduated display
- ▶ Maximum Sample Rate 2GSa/s
- ▶ Standard Memory Depth up to14Mpts, Optional Memory Depth up to 56Mpts
- ▶ Innovative "UltraVision" technology
- ▶ Waveform capture rate up to 50,000 wfs/s
- ▶ Up to 65,000 frames hardware based Real Time Waveform record, replay & Analysis functions
- ▶ Serial bus trigger & decode (decode optional)
- ▶ Large 8 inch TFT (800x480) WVGA display

Model	Bandwidth	Channels	Price Ex GST
DS-2072	70MHz	2	\$839
DS-2102	100MHz	2	\$1,143
DS-2022	200MHz	2	\$1,626

Rigol 500MS/s, 2 Channel Arbitrary Generators



- ▶ 160MHz, 100MHz and 60MHz, with 500MS/s sample rate and 14Bit vertical resolution
- ▶ 2 full functional channels with settable phase
- ▶ 2ppm high freq stability, 115dBc/Hz low phase noise
- ▶ Standard waveforms: Sine, Square, Ramp, Pulse, Noise and Harmonics
- ▶ 150 built-in arbitrary waveforms
- ▶ Versatile analog and digital modulation functions: AM, FM, PM, ASK, FSK, PSK, BPSK, QPSK, 3FSK, 4FSK, OSK, PWM
- ▶ 7 inch colour LCD display (800x480 pixels)

Model	Bandwidth	Channels	Price Ex GST
DG-4062	60MHz	2	\$799
DG-4102	100MHz	2	\$1,024
DG-4162	160MHz	2	\$1,332

Professional Multimeter Test Lead Kit



Professional, European made deluxe DMM accessories kit with everything that you need for everyday electrical work. Enclosed in a sturdy zippered pouch and supplied with one of each black and red components.

- ▶ 4mm probes, 1kV, CAT III
- ▶ Flexible probes, 1kV, CAT III
- ▶ Test leads, 1kV, CAT III, silicon, 1.5m, 0.75mm², 4mm plugs
- ▶ Crocodile clips, 1kV, CAT III

PJP KPJP-220 \$149 ex GST

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Rocklea
QLD 4106
Tel 07 3275 2183
Fax 07 3275 2196

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Kent Town
SA 5067
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Fax 08 8363 5799

PERTH

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Victoria Park
WA 6100
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Fax 08 9361 4300

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