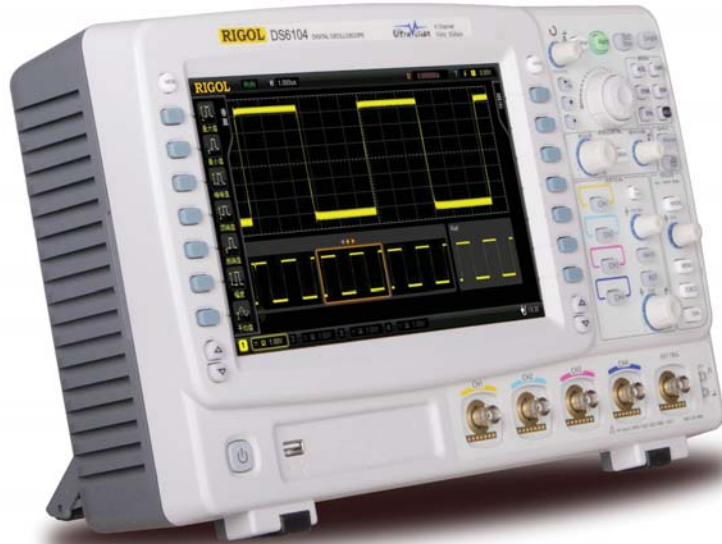
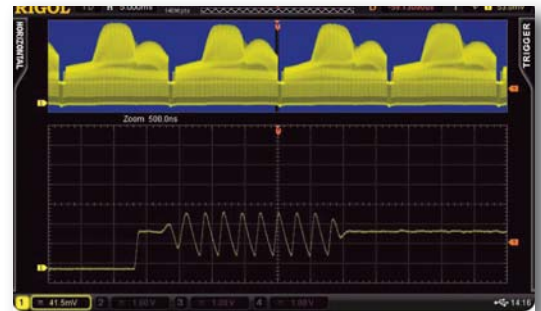


## Rigol DS-6000 Series Up To 1GHz Bandwidth DSOs



- ▶ Bandwidth 1GHz and 600MHz, 2 or 4 Channels
- ▶ Sample rate up to 5GS/s
- ▶ Standard memory 140Mpts
- ▶ Capture rate up to 180,000 waveforms per second
- ▶ Waveform recording up to 180,000 frames
- ▶ "UltraVision" 256 levels of intensity grading
- ▶ Support serial bus trigger and decode
- ▶ Dedicated data search knob "WaveFinder"
- ▶ Trigger functions and automatic measurements & stats
- ▶ Complete connectivity USB, LAN (LXI-C), WVGA, GPIB (optional)
- ▶ Built-in 1GBytes flash memory



140Mpts standard memory with 256 levels intensity grading display and large 10 inch display

### RIGOL DS-6062 600MHz

- ▶ 600MHz Bandwidth, 2 Channels
- ▶ 5GS/s Real Time Sampling
- ▶ 140Mpts Standard Memory Depth
- ▶ 256 Level Intensity Display

ONLY \$**5,600** ex GST

### RIGOL DS-6102 1GHz

- ▶ 1GHz Bandwidth, 2 Channels
- ▶ 5GS/s Real Time Sampling
- ▶ 140Mpts Standard Memory Depth
- ▶ 256 Level Intensity Display

ONLY \$**7,500** ex GST

### RIGOL DS-6064 600MHz

- ▶ 600MHz Bandwidth, 4 Channels
- ▶ 5GS/s Real Time Sampling
- ▶ 140Mpts Standard Memory Depth
- ▶ 256 Level Intensity Display

ONLY \$**7,000** ex GST

### RIGOL DS-6104 1GHz

- ▶ 1GHz Bandwidth, 4 Channels
- ▶ 5GS/s Real Time Sampling
- ▶ 140Mpts Standard Memory Depth
- ▶ 256 Level Intensity Display

ONLY \$**9,200** ex GST

## Multiple Output DC Linear Supplies



GW's popular GPS-Series are 2-4 channel, 180 to 200W output, linear DC power supplies. Overload and reverse polarity protection, and an output on/off switch keep the GPS-Series and their load safe from unexpected conditions.

- ▶ 4 Independent Isolated Outputs
- ▶ Four "3 Digits" LED Displays
- ▶ 0.01% Load and Line Regulation
- ▶ Low Ripple and Noise
- ▶ Tracking Operation and Auto Series/Parallel Operation
- ▶ Output Voltage and Current Setting When Output Disable
- ▶ Fan Speed Control Circuit to Minimize Fan Noise
- ▶ Over Load and Reverse Polarity Protection

GPS-4303 200W, 4 Ch	\$448 ex GST
GPS-3303 195W, 3 Ch	\$415 ex GST
GPS-2303 180W, 2 Ch	\$367 ex GST

## New TTI Handheld Spec Analysers



The PSA Series II is unlike any other RF spectrum analyzer. A lightweight and truly handheld instrument that incorporates an extensive feature set. The easy user interface is combined with many new features and a ruggedized casing.

- ▶ 1MHz to 1300MHz or 2700MHz frequency range
- ▶ Resolution bandwidths of 1MHz, 280kHz or 15kHz
- ▶ -96dBm typical noise floor at -20dBm reference level
- ▶ Trace modes of normal, single, peak hold and average
- ▶ Zero span mode with AM and FM audio demodulation
- ▶ Live, View and Reference traces in contrasting colors
- ▶ Measurement in dBm, dBuV, mV, uW

PSA1302 1.3GHz	\$1,316 ex GST
PSA2702 2.7GHz	...\$1,647 ex GST

## Temp Data Logger



- ▶ Channels 8
- ▶ Temperature Range -270 to +1820°C
- ▶ Accuracy ±0.2%, ±0.5 Deg C
- ▶ Thermocouple Types B, E, J, K, N, R, S, T
- ▶ USB - software & cable supplied

Pico TC-08 USB	\$477 ex GST
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## 20MHz Generator



- ▶ 2 channels, 20MHz
- ▶ 100MS/s, 14bit arbitrary generator
- ▶ Lowest cost 2 channel generator
- ▶ Standard waveforms sine, square, ramp, triangle, pulse, noise, arb
- ▶ Modulation AM, FM, FSK, PM
- ▶ Sweep linear or logarithmic

Rigol DG-1022	\$499 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

## Pyrometer



- ▶ Optical Resolution (D:S) 12:1
- ▶ Temperature Range  
-35°C to +80 °C
- ▶ Accuracy max.  $\pm 1$  % of measured value or  $\pm 1$  °C
- ▶ Smallest Measuring Spot Size  
 $\varnothing$  12.5 mm (distance 150 mm)
- ▶ Resolution 0.1 °C
- ▶ Backlit Display
- ▶ Power Supply 9V battery
- ▶ Includes carry case, 9V battery, operating instructions

BP-20 Pyrometer \$104 ex GST

## Lux Meter



- ▶ Light Detector long life silicon photodiode with infrared filter
- ▶ Selectable Units of Measurement  
Lux (lx) or foot candle (fc)
- ▶ Measuring Range 0 to 40,000 lx  
(0 to 3,716 fc)
- ▶ Resolution 0.1 lx / 0.01 fc
- ▶ Measuring Accuracy  $\pm 5$  %  $\pm 10$  lx/foot Measuring Rate 2.5x per second, nominal
- ▶ Functions maximum value, selectable units of measurement (lux/foot candle), backlit display, auto power off

BF-05 Lux Meter \$62 ex GST

## Sound Meter



The Trotec SL300 is suitable for professional monitoring of noise levels in the workplace and industry and for measuring noise pollution. The SL300 fulfils the requirements for Accuracy Class 2 sound level instruments as per IEC 61672-1.

The SL300's A and C frequency evaluation, Fast/Slow time evaluation and a variety of practical functions make this device ideal for demanding measurements. The unit is supplied complete with calibration certificate.

- ▶ Measuring Range 30 - 130 dB
- ▶ Accuracy Class 2
- ▶ Resolution 0.1 dB
- ▶ Frequency Range 31.5 Hz - 8 kHz
- ▶ Dynamic Range 50 dB
- ▶ Partial Measuring Ranges  
30 to 80 dB, 50 to 100 dB,  
80 to 130 dB, 30 to 130 dB (auto)
- ▶ Response Time 500 ms
- ▶ Time Evaluation slow (S) 1 s, Fast (F) 125 ms
- ▶ Microphone electret condensator microphone
- ▶ Functions and Features four-line digital display, bar graph display, backlit display, 1/4-inch tripod thread, A/C frequency evaluation, max, min, hold function, selectable time evaluation, alarm function, memory for 50 measurement values
- ▶ Includes windshield, operating instructions, carrying case, calibration certificate

SL-300 Sound Level \$203 ex GST

## Temp & Humidity



- ▶ Air & Dew Point Temperature  
Measuring Range -20 °C to +50 °C  
Accuracy 0.1 °C /  $\pm 0.4$  °C
- ▶ Air Humidity  
Measuring Range 5 to 95 % r.H.  
Accuracy 0.1 % r.H. /  $\pm 3$  % r.H.
- ▶ Surface Temperature  
Measuring Range -20 °C to +60 °C  
Optical Resolution 8:1  
Accuracy 0.1 °C /  $\pm 2$  °C
- ▶ Alarm audible and visible

T-250 Temp & Humidity \$398 ex GST

## Distance Meter



The BD15 allows you to measure distance, areas and volumes quickly and easily with laser-accurate precision.

- ▶ Measuring Accuracy  $\pm 1.5$  mm
- ▶ Range 0.05 to 50 m (0.16 to 164 ft)
- ▶ Units of Measurement m, in, ft
- ▶ Functions minimum and maximum measurements, non-stop measuring, addition and subtraction, area and volume measurements, indirect measurements using Pythagoras function, illuminated display

BD-15 Distance Meter \$173 ex GST



## Affordable 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!

- ▶ 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)

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

## 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, 0.75mm<sup>2</sup>, 4mm plugs
- ▶ Crocodile clips, 1kV, CAT III

PJP KPJP-220	\$149 ex GST
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## Emona Instruments Pty Ltd

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Testing & Tagging [www.protag.com.au](http://www.protag.com.au)

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Rocklea  
QLD 4106  
Tel 07 3275 2183  
Fax 07 3275 2196

### ADELAIDE

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Kent Town  
SA 5067  
Tel 08 8363 5733  
Fax 08 8363 5799

### PERTH

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Victoria Park  
WA 6100  
Tel 08 9361 4200  
Fax 08 9361 4300

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