

**Providing solutions for your  
test and measurement requirements**

### History and Locations

Originating in Melbourne in 1996, RAPID-TECH EQUIPMENT has grown to become a preferred supplier of test solutions within budget – without compromise. Associated companies include OBIAT Electronics, LEDA Electronics (Perth), Rapid-Tech NZ and our online store MyMeter.com.au

With a direct presence in Melbourne, Sydney and Brisbane, RAPID-TECH is focused on providing test equipment solutions from a range of industry-leading suppliers, many of which are highlighted in this brochure.

### Broadest range of quality test solutions

Our portfolio covers the complete spectrum from dc power supplies to lightwave analysers, from kV testing to femto Amp measurement.

Our solutions are utilised in the classroom, in research, development and calibration labs, in manufacturing plants, service workshops and out in the field for installation and maintenance.

### Evaluation, Sales, Rental and Maintenance

RAPID-TECH maintains an extensive range of instruments available for evaluation and for short and medium term rental. Long term rental may also be available at competitive rates.

We also offer local in-country warranty support and instrument calibration services.

### We value your interest

Contact RAPID-TECH today to see what's new and allow us to better understand your needs and requirements with the aim of providing quality solutions within budget – without compromise.

Associated companies:



**Aerospace & Defence**



**Biomedical Engineering**



**Communications**

**Education**



**Transportation**



**Utilities**



**Research & Development**



**Manufacturing & Production**



**Repair & Calibration**



**Installation & Maintenance**

## ELECTRONICS



- ▶ Data Acquisition & Switching
- ▶ Digital Multimeters
- ▶ Electrometers & Picoammeters
- ▶ eLoads & Battery Emulators
- ▶ Function & Arbitrary Waveform Generators
- ▶ Oscilloscopes & Probes
- ▶ Power Analysers – AC & DC
- ▶ Power Supplies – AC & DC
- ▶ Power Supplies – Low Noise
- ▶ Source Measure Units (SMUs)
- ▶ USB-based Instruments



- ▶ Battery Test Meters
- ▶ Data Acquisition
- ▶ Digital Multimeters
- ▶ Digital Power Meters – AC
- ▶ Electronic Loads – DC & AC+DC
- ▶ milli-Ohm Meters – DC
- ▶ Oscilloscopes & Probes
- ▶ Power Supplies - AC & AC+DC
- ▶ Power Supplies (DC) – Single & Multi Channel
- ▶ Source Measure Units (SMUs)
- ▶ Training Systems - Power Electronics



- ▶ DC Power Supplies
- ▶ Digital Multimeters
- ▶ Electronic Loads
- ▶ Function & Arbitrary Waveform Generators
- ▶ Oscilloscopes – Bench & Handheld
- ▶ Source Measure Units (SMUs)



- ▶ A-to-D Digitisers & Transient Recorders
- ▶ Arbitrary Waveform & DDS Generators
- ▶ Digital I/O Cards
- ▶ Digital Pattern Generators
- ▶ Hybrid Digitiser & AWG Systems
- ▶ Sbench 6 Instrumentation Software



- ▶ Battery Testers
- ▶ Digital Multimeters
- ▶ Digital Power Meters - AC
- ▶ Electronic Loads – DC
- ▶ Function & Arbitrary Waveform Generators
- ▶ Oscilloscopes – Bench & Handheld
- ▶ Power Supplies – AC & DC
- ▶ micro-Ohm Meters
- ▶ Hipot Testers + IR
- ▶ Insulation Resistance Testers
- ▶ Temperature Loggers – multi-channel



- ▶ Data Acquisition
- ▶ Digital Chart Recorders – ScopeCorders
- ▶ Digital Multimeters
- ▶ Oscilloscopes & Probes
- ▶ Precision Power Scope
- ▶ Power Analysers – AC & DC
- ▶ Power Quality Analysers (PQA)

## RF, WIRELESS & OPTICAL



- ▶ EMC/EMI Pre-Compliance Test
- ▶ Fieldfox Handheld RF Analysers
- ▶ Frequency Counters & Timers
- ▶ LCR & Capacitance Meters
- ▶ Power Meters & Power Sensors
- ▶ Signal Generators – Analogue & Vector
- ▶ Spectrum & Signal Analysers
- ▶ Test Accessories – Amplifiers, Attenuators, Switches
- ▶ Vector Network Analysers
- ▶ USB-based RF Instruments



- ▶ LCR Meters
- ▶ Signal Generators – Analogue & Vector
- ▶ Spectrum Analysers
- ▶ Training Kits - RF



- ▶ EMC Pre-compliance Scanners
- ▶ Frequency & Time Standards
- ▶ Frequency Distribution Amplifiers
- ▶ Frequency Counters/Analysers – Multi-channel (up to 5 channels)
- ▶ Frequency Counters/Power Meters – Microwave (up to 60GHz)



- ▶ EMC/EMI Pre-compliance Test
- ▶ LCR Meters
- ▶ RF Cable & Antenna Analysers – Handheld
- ▶ RF Power Meters & Power Sensors
- ▶ Signal Generators – Analogue & Vector
- ▶ Spectrum & Signal Analysers
- ▶ Vector Network Analysers – Bench & Handheld



- ▶ LCR Meters
- ▶ Pulse Generators – RF
- ▶ Signal Generators – RF
- ▶ Spectrum & Signal Analysers



- ▶ Optical Spectrum Analysers – Highest Performance
- ▶ Optical Wavelength Meters
- ▶ OTDRs
- ▶ Portable Ethernet Testers
- ▶ Portable Optical Light Sources
- ▶ Portable Optical Loss Test Sets
- ▶ Portable Optical Power Meters
- ▶ Modular Manufacturing Test Systems – LS, TLS, Attenuators, Switches, Power Sensors, Transceiver Test
- ▶ Optical Reflectometers – High Res.

## ELECTRICAL & INDUSTRIAL

**FLUKE**

- ▶ Acoustic Imaging
- ▶ Battery Analysers
- ▶ Condition Monitoring
- ▶ Current ClampMeters – Handheld
- ▶ Digital Multimeters – Handheld
- ▶ Earth Ground & IR Testers
- ▶ HVAC Testers
- ▶ Infrared Inspection Windows
- ▶ Infrared Thermometers
- ▶ Installation Testers
- ▶ Oscilloscopes – Portable
- ▶ PV & Solar Testers
- ▶ Power Quality Testers
- ▶ Pressure Calibrators
- ▶ Process Calibrators
- ▶ Temperature Calibrators
- ▶ Thermal Infrared Cameras
- ▶ Vibration Analysis

**TELEDYNE  
FLIR**

- ▶ Acoustic Imaging
- ▶ Current ClampMeters – Handheld
- ▶ Digital Multimeters – Handheld
- ▶ Infrared Inspection Windows
- ▶ Infrared Thermometers
- ▶ Non-Contact Voltage Detectors
- ▶ Thermal Infrared Cameras
- ▶ Vibration Monitoring

**KYORITSU**

- ▶ Current ClampMeters – Handheld
- ▶ Digital Multimeters – Handheld
- ▶ Earth Ground & IR Testers
- ▶ EVSE Adaptors
- ▶ Insulation/Continuity Testers – Analogue
- ▶ LOOP/PFC/PSC Testers
- ▶ Multifunction Installation Testers
- ▶ Phase Indicators
- ▶ Portable Appliance Testers
- ▶ Power Clamps/Meters
- ▶ Power Quality Analysers (PQA)
- ▶ RCD Testers

**Megger**

- ▶ Cable fault location & testing
- ▶ Circuit breaker testing
- ▶ Electrical insulation testing
- ▶ Electrical resistance testing
- ▶ EV charge point testing
- ▶ Grid measurement and testing
- ▶ Low voltage installation testing
- ▶ Motor and generator testing
- ▶ Partial discharge testing/monitoring
- ▶ Relay and system testing
- ▶ Power transformer testing
- ▶ Water leak detection/monitoring

**HIKMICRO**

- ▶ Acoustic Imaging
- ▶ Infrared cameras – Intrinsically Safe
- ▶ Infrared cameras – Firefighters
- ▶ Thermal IR Cameras – Fixed
- ▶ Thermal IR Cameras – Handheld (Basic to Professional)

**HIOKI**

- ▶ Battery Testers
- ▶ Current ClampMeters – Handheld
- ▶ Digital Multimeters – Handheld
- ▶ Digital Power Meters/Analysers
- ▶ Ground Resistance Meters
- ▶ Electrical Safety Testers – Hipot Testers – AC, DC, IR, & Leakage Current Testers
- ▶ Impulse Winding Testers
- ▶ Insulation Testers/megohmmeters
- ▶ Phase Rotation Meters
- ▶ Power Loggers
- ▶ Power Quality Analysers (PQA)
- ▶ PV/Solar System Maintenance Test
- ▶ Resistance Meters

**HT  
INSTRUMENTS**

- ▶ Current ClampMeters – Handheld
- ▶ Digital Multimeters – Handheld
- ▶ Earth Ground & IR Testers
- ▶ Electrical Multifunction Testers
- ▶ EV Charging Station Testers
- ▶ Photovoltaic (PV) Testers – I-V Curve Tracers, Performance, Commissioning/Maintenance Test
- ▶ Power Quality Analysers (PQA)
- ▶ Process Calibrators
- ▶ RCD Testers
- ▶ Thermal Infrared Cameras

**METREL**

- ▶ ClampMeters – AC & DC
- ▶ ClampMeters – Leakage
- ▶ Electrical Installation Meters
- ▶ Insulation Resistance Meters
- ▶ micro-Ohm Meters
- ▶ Multifunction Installation Testers
- ▶ Photovoltaic (PV) Testers
- ▶ Portable Appliance Testers
- ▶ Power Analysers
- ▶ Transformer Analysers

**PROVA**

- ▶ Current ClampMeters – Handheld
- ▶ Current ClampMeters – Flexible
- ▶ Digital Multimeters – Handheld
- ▶ Ground Resistance Meters
- ▶ Leakage Current Testers
- ▶ micro-Ohm Meters
- ▶ Power Quality Analysers (PQA)
- ▶ PV/Solar Analysers
- ▶ Temperature Calibrators
- ▶ Transformer Turns Ratio Meters

**UNI-T**  
Meters.uni-trend.com

- ▶ Acoustic Imaging
- ▶ Battery Testers
- ▶ Cable Testers / Wire Tracers
- ▶ Current ClampMeters – Handheld
- ▶ Digital Multimeters – Handheld
- ▶ Digital micro-Ohm Meters
- ▶ HVAC Testers
- ▶ Infrared Thermometers
- ▶ Power Quality Analysers (PQA)
- ▶ RCD Testers
- ▶ Insulation/Earth Resistance Testers
- ▶ Solar MPPT Meters
- ▶ Tachometers
- ▶ Transformer Turns Ratio Testers
- ▶ Vibration Testers

**YOKOGAWA**

- ▶ Current ClampMeters – Handheld
- ▶ Digital Multimeters – Handheld
- ▶ Digital Power Meters/Analysers
- ▶ Insulation Testers
- ▶ Multi-function Calibrators
- ▶ Power Quality Analysers (PQA)

**COANTEC**  
Video Inspection Cameras

**WAVECOM  
INSTRUMENTS**  
Portable Appliance Testers

**SEAWARD**

**HV HIPOT**  
Electrical Testers

**SEW**

**RADIODETECTION**  
**TREND NETWORKS**

## METROLOGY & CALIBRATION



- ▶ Asynchronous Power Analysers
- ▶ Current Shunts – AC & DC
- ▶ Current Transformers – AC
- ▶ High Current Measurement
- ▶ High Resistance Measurement
- ▶ Precision Current Sources
- ▶ Resistance Measurement Bridges
- ▶ Resistance Standards
- ▶ Temperature Measurement Systems
- ▶ Transconductance Amplifiers
- ▶ Voltage Dividers



- ▶ 7.5-digit Bench DMMs
- ▶ 8.5-digit Precision DMMs
- ▶ Frequency Counters & Timers
- ▶ LCR Meters
- ▶ Precision Power Supplies & SMUs
- ▶ RF Power Meters & Power Sensors



- ▶ Calibration Software
- ▶ Calibrators – High Current
- ▶ Calibrators – Impedance
- ▶ Calibrators – Multifunction
- ▶ Calibrators – Power & Energy
- ▶ Calibrators – Precision DC
- ▶ Calibrators – Process
- ▶ Decade Boxes – R & C
- ▶ Impedance Standards
- ▶ Portable Calibrators – Multifunction
- ▶ RTD Simulators



- ▶ Frequency & Time Standards
- ▶ Frequency Distribution Amplifiers
- ▶ Frequency Counters/Analysers – Multi-channel (up to 5 channels)
- ▶ Frequency Counters/Power Meters – Microwave (up to 60GHz)



- ▶ Digital Manometers
- ▶ Pneumatic Pressure Standards
- ▶ Pressure Calibrators
- ▶ Optical Light Sources
- ▶ Optical Power Meters
- ▶ Optical Spectrum Analysers
- ▶ Optical Wavelength Meters

## ENVIRONMENTAL & OTHER



- ▶ HVAC/R Environmental Meters
- ▶ Moisture Meters – Pin/Pinless
- ▶ Moisture Meters – Ball Probe
- ▶ Thermal Infrared Cameras
- ▶ Video Inspection Cameras (Borescopes)



- ▶ Anemometers (Air Flow Meters)
- ▶ Air Quality Meters
- ▶ Carbon Monoxide/Dioxide Meters
- ▶ Dew Point & Wet Bulb Meters
- ▶ Distance Meters
- ▶ EMF/ELF/Rf & Gauss Meters
- ▶ Environmental Meters (Combo)
- ▶ Force Gauges
- ▶ Formaldehyde & VOC Meters
- ▶ Gas Detectors – Various
- ▶ Gloss Meters
- ▶ Hardness Testers
- ▶ Heat Stress (WBGT) Meters
- ▶ Humidity Meters
- ▶ Indoor Air Quality Meters (IAQ)
- ▶ Infrared Thermometers
- ▶ Leakage Detectors
- ▶ Light/Lux Meters – LED, UV, Solar
- ▶ Manometers (Pressure Meters)
- ▶ Moisture Meters
- ▶ Psychrometers (IAQ Meters)
- ▶ Refractometers
- ▶ Sound Level Meters & Calibrators
- ▶ Stroboscopes
- ▶ Tachometers
- ▶ Thermometers – hygro-thermometers, infrared, probe, RTD, thermo-couple, data-loggers
- ▶ Thickness/Coating Gauges/Meters
- ▶ Vibration Meters
- ▶ Video Inspection Cameras
- ▶ Water Quality Meters



- ▶ **New Energy –** Fuel Cell, Solar, Wind, Hybrid
- ▶ AI – Applications & Teaching
- ▶ Building Management (BMS)
- ▶ CNC – Lathe & Milling
- ▶ Electrical Power / Electrician
- ▶ Electronics & Mechatronics
- ▶ HVAC
- ▶ IOT – Programming, Teaching
- ▶ Industry 4.0
- ▶ Industrial Automation & Controls
- ▶ Mechanical Systems
- ▶ Modular Production Systems
- ▶ Motor Control & Transformers
- ▶ PLC – Teaching & Training
- ▶ Pneumatics & Hydraulics
- ▶ Process Control
- ▶ Robotics – Operation/Programming
- ▶ Sensors – Force, Pressure, Temp.

