Wavecom Instruments
The Home of Innovative Technology

2018 Product Catalogue
Electrical Safety, Testing and Measurement Equipment
Since 1993, Wavecom Instruments have been selling to the Australian electrical community a wide range of test & measurement safety products. We developed our first Portable Appliance Tester in 2001, and since then have grown to be the largest Australian owned and operated PAT Tester manufacturer in the country. We have a proud history of providing the highest quality service and products, over time we’ve grown to become a major player in the Australian electrical industry.

Over the past 25 years, we’ve strived to serve our customers with passion, providing the best products and support. We’ve expanded our product lines, offering a wide range of electrical appliance testers, RCD testers, multimeters and more, while still maintaining the quality and reliability we’re known for. Our TnT and TnP appliance tester lines are the reward for years of hard work, responding to our customers’ needs, and our passionate desire to provide innovative and reliable products. As one of the last manufacturers of electrical appliance testers left in Australia, we’re proud to develop, manufacture and distribute new and exciting products for the Australian electrical community.

Wavecom Instruments are dedicated to developing and manufacturing the highest quality Electrical Appliance Testers and Electrical Safety Instruments, with a strong focus on using the latest technology pushing the boundaries in new and exciting ways. Investing in local research and development of electrical safety products is a key part of why our products continue to impress, and we’ve proved that Australia can still produce high quality, innovative and reliable electrical testers.

We are also proud distributors for a wide range of electrical safety, testing and measurement products from renowned brands like SEW, Siglent, Korad, and more. Every product we sell undergoes rigorous testing for safety and reliability, and each new product is NATA tested to conform to Australian Standards. Working with Australian wholesalers & distributors, we’re delighted to be able to sell our products to more Australians than ever before.

We know we wouldn’t be where we are today without our customers, and everything we do is centred around serving you by providing the best products and customer service we can. Every happy customer is another proud achievement for Wavecom, and it’s this attitude that has helped us continue to find new ways to innovate and improve our products. We’re constantly working to add new features to make your life easier, improving our designs for ruggedness and reliability, and serving the Australian Electrical Community in any way we can.

In 25 years, we’ve come from humble beginnings to being a major player in electrical testing, and we’re not done yet. We want to continue to develop new products, reach new customers and continue to be a leading player in the Australian Electrical Industry, and eventually look internationally, to show other countries the kind of innovative, quality products that Wavecom, and Australia have to offer.
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<tr>
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<td>Integrated Printer Integrated Keyboard WinPATS Premium</td>
<td>Integrated Keyboard WinPATS Premium</td>
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<tr>
<td>Panasonic Toughbook Tablet</td>
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<td>Data Connectivity via USB</td>
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<td>Data Connectivity via PC</td>
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<tr>
<td>Memory - 5,000 items (upgradable to 20,000)</td>
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<tr>
<td>Lithium Ion Battery</td>
<td>Optional Extra</td>
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<td>Data Connectivity via PC</td>
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**Optional Extra**

**WinPATS Premium**
With four generations of industry respected models and a proven pedigree, you can rely on the new Gen 4 TnP-500 Series, now available. The TnP-500 Series provides a host of features and functions never before seen on any Test and Print unit.

With 10Amp (TnP-500) and 20Amp (TnP-500X) load current capacity options, and a totally new Meter Mode Function (providing instant power, voltage and current measurements), the Gen 4 TnP 500 Series boasts a comprehensive list of tests and analysis as required under the AS/NZS 3760:2010 Standards.

The TnP-500 streamlines your appliance testing operations like nothing before. Offering a simple test selection menu, straightforward test instructions and easy to read results, testing has never been quicker. And with the integrated barcode scanner and tag printer, once your tests are completed, tagging and then retesting are a breeze.

With upgrade options of expanded operation of up to 20 Amps, and optional wireless barcode scanner that makes testing in all situations a breeze, the TnP-500 series offers a range of alternatives that will cover your needs.

Designed and Manufactured in Australia to meet stringent testing requirements - some of the tightest in the world - the Gen-4 TnP 500 Series now sets its own new standard of reliability and ruggedness. This makes the Gen 4 TnP 500 Series a unique and specialised product, capable of performing any test as specified and reporting/recording results in a clear yet concise manner.
Specifications

**Models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TnP-500</td>
<td>Wavecom Instruments Test n Print Unit</td>
<td>WCM-TNP-500</td>
</tr>
<tr>
<td>TnP-500W</td>
<td>Wavecom Instruments Test n Print Unit, Wireless Barcode Scanner</td>
<td>WCM-TNP-500W</td>
</tr>
<tr>
<td>TnP-500X</td>
<td>Wavecom Instruments Test n Print Unit, 20 Amp Operation</td>
<td>WCM-TNP-500X</td>
</tr>
<tr>
<td>TnP-500WX</td>
<td>Wavecom Instruments Test n Print Unit, Wireless Barcode Scanner</td>
<td>WCM-TNP-500WX</td>
</tr>
</tbody>
</table>

**Specifications**

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mains Supply Tests</strong></td>
<td>Checks Polarity and continuity of mains supply by LED indicators (A-N, A-E, and N-E).  (Flashing red LED indicates test fail)</td>
</tr>
<tr>
<td><strong>Class I Tests</strong></td>
<td>Earth Bond Test: 200mA test current. Pass level Less than 1.0 Ω. Measurement: 0.01Ω to 10 Ω. Insulation Test: 500VDC / 250VDC. Pass level Greater than 1M Ω. Measurement: 0.1Ω to 10MΩ. *See also Leakage Test</td>
</tr>
<tr>
<td><strong>Class II Tests</strong></td>
<td>Appliance Check: Ensures appliance is plugged in and turned on.  Earth Bond Test: 200mA test current. Pass level Less than 1.0 Ω. Measurement: 0.01Ω to 10 Ω. Insulation Test: 500VDC / 250VDC. Pass level Greater than 1M Ω. Measurement: 0.1Ω to 10MΩ. *See also Leakage Test</td>
</tr>
<tr>
<td><strong>Extension Lead Tests</strong></td>
<td>Appliance Check: Ensures appliance is plugged in and turned on.  Earth Bond Test: 200mA test current. Pass level Less than 1.0 Ω. Measurement: 0.01Ω to 10 Ω. Insulation Test: 500VDC / 250VDC. Pass level Greater than 1M Ω. Measurement: 0.1Ω to 10MΩ. Continuity/Polarity Test: 250VAC check continuity and polarity of leads. Displays Pass/Fail</td>
</tr>
<tr>
<td><strong>Power Measurement</strong></td>
<td>Leakage Current: 0 to 30.0mA at 200 to 265V - Load Current: 0.0 to 10Amp (20Amp for TnP-500X)  Voltage: 200 to 265VAC - Power Factor: 0.00 to 1.00 - Apparent Power: 0 to 2400VA - Power 0 to 2400W</td>
</tr>
<tr>
<td><strong>Meter Mode®</strong></td>
<td>Green flashing LED denotes Meter Mode is engaged  - Load Current: 0.0 to 10Amp - Voltage: 200 to 265VAC  Apparent Power: 0 to 2400VA - Power: 0 to 2400W</td>
</tr>
<tr>
<td><strong>RCD Tests</strong></td>
<td>Trip Current: 2 to 500mA in 1mA steps - User selectable - Trip Time: 0 to 3,000ms at .001sec resolution.  Current Ramp Trip Test: 0 to 500mA in 1mA increments.</td>
</tr>
<tr>
<td><strong>Leakage Tests</strong></td>
<td>Leakage Current: 0 to 30.0mA at 200 to 265V  Earth Leakage Test: 240VAC Mains. Pass level 1, 2, 5, 5.0 mA leakage test levels  Note 1: Pass level for CLASS 1 is 5 mA; pass level for CLASS 2 is 1 mA  Note 2: Leakage test may be performed if a standard CLASS 1 or CLASS 2 is not possible</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>5000 Items - 20,000 item upgrade optional</td>
</tr>
</tbody>
</table>
Our latest range of TnP-500B appliance testers features an integrated lithium ion battery. Featuring 6700mAH and 98WH of power, the TnP-500B series allows you to conduct over 3000 sets of tests without any mains power required.

With solid 10Amp (TnP-500B) and 20Amp (TnP-500BX) capability, and a totally new Meter Mode Function (providing instant power, voltage and current measurements), the Gen 4 TnP-500B Series boasts a comprehensive list of tests and analysis as required under the AS/NZS 3760:2010 Standards.

The new TnP-500B series design eliminates the need for a bulky external isolation transformer when testing portable RCD’s. Our new advanced motherboard has isolation functionality built in, and is designed for high power efficiency and faster data processing and also comes with AC/DC power operation.

With upgrade options of expanded operation of up to 20 Amps, and optional wireless barcode scanner that makes testing in all situations a breeze, the TnP-500 series offers a range of alternatives that will cover your needs.

Designed and Manufactured in Australia to meet stringent testing requirements - some of the tightest in the world - the Gen-4 TnP 500B Series now sets its own new standard of reliability and ruggedness. This makes the Gen 4 TnP 500B Series a unique and specialised product, capable of performing any test as specified and recording results in a clear yet concise manner.
# Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>TnP-500B</td>
<td>Wavecom Instruments Test n Print Unit</td>
<td>WCM-TNP-500B</td>
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<tr>
<td></td>
<td>Lithium Ion Battery</td>
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<tr>
<td></td>
<td>10 Amp Operation</td>
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<tr>
<td>TnP-500BW</td>
<td>Wavecom Instruments Test n Print Unit</td>
<td>WCM-TNP-500BW</td>
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<td>Lithium Ion Battery</td>
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<tr>
<td></td>
<td>10 Amp Operation</td>
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<tr>
<td></td>
<td>Wireless Barcode Scanner</td>
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<tr>
<td>TnP-500BX</td>
<td>Wavecom Instruments Test n Print Unit</td>
<td>WCM-TNP-500BX</td>
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<td>Lithium Ion Battery</td>
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<td>20 Amp Operation</td>
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<td>Wireless Barcode Scanner</td>
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<tr>
<td>TnP-500BX</td>
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<td>WCM-TNP-500BX</td>
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<td>20 Amp Operation</td>
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<td>Wireless Barcode Scanner</td>
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<tr>
<td>TnP-500PH</td>
<td>Wavecom Instruments Test n Print Unit</td>
<td>WCM-TNP-500PH</td>
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<td></td>
<td>Integrated Panasonic Toughbook Tablet</td>
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<td></td>
<td>Lithium Ion Battery - 20 Amp Operation</td>
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<td>Wireless Barcode Scanner - 20,000 Item Memory</td>
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# Specifications

<table>
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<tr>
<th>Test Type</th>
<th>Description</th>
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<tr>
<td>Mains Supply Tests</td>
<td>Checks Polarity and continuity of mains supply by LED indicators (A-N, A-E, and N-E). (Flashing red LED indicates test fail)</td>
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<tr>
<td>Class I Tests - Earthed Appliance</td>
<td>Appliance Check: Ensures appliance is plugged in and turned on. Earth Bond Test: 200mA test current. Pass level less than 1.0 Ω. Measurement: 0.01Ω to 10 Ω. Insulation Test: 500VDC / 250VDC. Pass level greater than 1M Ω. Measurement: 0.1Ω to 10MΩ. *See also Leakage Test</td>
</tr>
<tr>
<td>Class II Tests - Double Insulated Appliance</td>
<td>Appliance Check: Ensures appliance is plugged in and turned on. Insulation Test: 500VDC / 250VDC. Pass level greater than 1MΩ. Measurement: 0.1Ω to 10MΩ. *See also Leakage Test</td>
</tr>
<tr>
<td>Extension Lead Tests</td>
<td>Earth Bond Test: 200mA test current. Pass level less than 10. Measurement: 0.01Ω to 10.0Ω Insulation Test: 500VDC / 250VDC. Pass level greater than 1MΩ. Measurement: 0.1Ω to 10.0MΩ. Continuity/Polarity Test: 250VAC check continuity and polarity of leads. Displays Pass/Fail</td>
</tr>
<tr>
<td>Power Measurement</td>
<td>Leakage Current: 0 to 30.0mA at 200 to 265V - Load Current: 0.0 to 10Amp (20Amp for TnP-500X) Voltage: 200 to 265VAC - Power Factor: 0.00 to 1.00 - Apparent Power: 0 to 2400VA - Power: 0 to 2400W</td>
</tr>
<tr>
<td>Meter Mode®</td>
<td>Green flashing LED denotes Meter Mode is engaged - Load Current: 0.0 to 10Amp - Voltage: 200 to 265VAC - Apparent Power: 0 to 2400VA - Power: 0 to 2400W</td>
</tr>
<tr>
<td>RCD Tests</td>
<td>Trip Current: 2 to 500mA in 1mA steps - User selectable. - Trip Time: 0 to 3,000ms at .001 sec resolution. Current Ramp Trip Test: 0 to 500mA in 1mA increments.</td>
</tr>
<tr>
<td>Leakage Tests</td>
<td>Leakage Current: 0 to 30.0mA at 200 to 265V Earth Leakage Test: 240VAC Mains. Pass level 1, 2.5, 5.0 mA leakage test levels Note 1: Pass level for CLASS 1 is 5 mA; pass level for CLASS 2 is 1 mA Note 2: Leakage test may be performed if a standard CLASS 1 or CLASS 2 is not possible</td>
</tr>
<tr>
<td>Memory</td>
<td>5000 Items - 20,000 item upgrade optional (TnP-500PH features 20,000 item memory as standard)</td>
</tr>
<tr>
<td>Battery</td>
<td>6700mAH, 98WH, Charge Time approximately 4 hours</td>
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</table>
The TnT Series

Wavecom Instruments’ Handheld Portable Appliance Testers

With four generations of Industry respected models and a proven pedigree you can rely on, Wavecom’s TnT Range is the industry benchmark in Test and Tag units. The Gen 4 TnT series provides a host of features and functions never before seen on any appliance tester.

With solid 10 Amp and 20 Amp models available and a totally new Meter Mode function (providing instant power, voltage and current measurements) the Gen 4 TnT Series boasts a comprehensive list of tests and analysis as required under our AS/NZS 3760:2010 standards.

Our new Lithium Ion Power Bank technology will allow you to conduct over 3000 sets of tests on a single charge. The power bank can be recharged from your cigarette lighter, phone charger in your car or any USB port.

TnT+M models feature internal memory capable of holding 5,000 items (or 20,000 if upgraded), meaning you can upload your test results to WinPATS whenever is convenient without being tied to your PC.

TnT+M and +XM models also offer data connectivity via USB Port and PC - this means test results can be automatically entered into our WinPATS software. These models also feature printer and keyboard connectivity, for even easier test and tagging.

Designed and manufactured in Australia to meet stringent testing requirements - some of the tightest in the world - the TnT Gen 4 series now sets its own new standard of reliability and ruggedness, which also comes with a 24 month conditional warranty.

Features

◊ Meter Mode function
◊ Simple One Button Testing
◊ Mains/Input Polarity Test on Startup
◊ True RCD Ramp up Test (RCD, RCDX, +M & +XM)
◊ 10A & 20A options
◊ Test icons and symbols on Large LCD
◊ Large fonts during tests showing results and progress
◊ Flashing LED Fail Indicator
◊ Specially formulated high impact resistant, flame retardant housing
◊ Over 3000 sets of tests can be completed on a single charge (TnT-ELB, ELBX, RCD & RCDX)
◊ Conditional 24 month warranty
Models

- **TnT-EL**
  - Wavecom Instruments Test n Tag Unit
  - Lithium Ion Battery
  - 10 Amp Operation
  - WCM-TNT-EL

- **TnT-ELB**
  - Wavecom Instruments Test n Tag Unit
  - Lithium Ion Battery
  - 10 Amp Operation
  - WCM-TNT-ELB

- **TnT-ELX**
  - Wavecom Instruments Test n Tag Unit
  - Lithium Ion Battery
  - 20 Amp Operation
  - WCM-TNT-ELX

- **TnT-RCD**
  - Wavecom Instruments Test n Tag Unit
  - Lithium Ion Battery - 10 Amp Operation
  - RCD Testing Capability
  - WCM-TNT-RCD

- **TnT-RCDX**
  - Wavecom Instruments Test n Tag Unit
  - Lithium Ion Battery - 20 Amp Operation
  - RCD Testing Capability
  - WCM-TNT-RCDX

- **TnT+M**
  - Wavecom Instruments Test n Tag Unit
  - Lithium Ion Battery - 10 Amp Operation
  - RCD Testing Capability - USB & Serial Interface - 5,000 Item Memory
  - WCM-TNT+M

- **TnT+XM**
  - Wavecom Instruments Test n Tag Unit
  - Lithium Ion Battery - 20 Amp Operation
  - RCD Testing Capability - USB & Serial Interface - 5,000 Item Memory
  - WCM-TNT+XM

Specifications

- **Mains Supply Tests**
  - Checks Polarity and continuity of mains supply by LED indicators (A-N, A-E, and N-E). (Flashing red LED indicates test fail)

- **Class I Tests - Earthed Appliance**
  - Appliance Check: Ensures appliance is plugged in and turned on.
  - Earth Bond Test: 200mA test current. Pass level less than 1.0Ω. Measurement: 0.01Ω to 10Ω.
  - Insulation Test: 500VDC / 250VDC. Pass level greater than 1MΩ. Measurement: 0.1Ω to 10MΩ.
  - *See also Leakage Test

- **Class II Tests - Double Insulated Appliance**
  - Appliance Check: Ensures appliance is plugged in and turned on.
  - Earth Bond Test: 200mA test current. Pass level less than 1Ω. Measurement: 0.01Ω to 10Ω.
  - Insulation Test: 500VDC / 250VDC. Pass level greater than 1MΩ. Measurement: 0.1Ω to 10MΩ.
  - *See also Leakage Test

- **Extension Lead Tests**
  - Earth Bond Test: 200mA test current. Pass level less than 1Ω. Measurement: 0.01Ω to 10Ω.
  - Insulation Test: 500VDC / 250VDC. Pass level greater than 1MΩ. Measurement: 0.1Ω to 10MΩ.
  - Continuity/Polarity Test: 250VAC check continuity and polarity of leads. Displays Pass/Fail

- **Meter Mode®**
  - Green flashing LED denotes Meter Mode is engaged - Load Current: 0.0 to 10Amp - Voltage: 200 to 265VAC
  - Apparent Power: 0 to 2400VA - Power: 0 to 2400W

- **RCD Tests**
  - Trip Current: 2 to 500mA in 1mA steps - User selectable - Trip Time: 0 to 3,000ms at .001sec resolution.
  - Current Ramp Trip Test: 0 to 500mA in 1mA increments.

- **Leakage Tests**
  - Leakage Current: 0 to 30.0mA at 200 to 265V
  - Earth Leakage Test: 240VAC Mains. Pass level 1, 2, 5, 5.0 mA leakage test levels
  - Note 1: Pass level for CLASS 1 is 5 mA; pass level for CLASS 2 is 1 mA
  - Note 2: Leakage test may be performed if a standard CLASS 1 or CLASS 2 is not possible

- **Power Measurement**
  - Leakage Current: 0 to 30.0mA at 200 to 265V - Load Current: 0.0 to 10Amp (20Amp for TnP-500X)
  - Voltage: 200 to 265VAC - Power Factor: 0.00 to 1.00 - Apparent Power: 0 to 2400VA - Power 0 to 2400W

- **Battery**
  - 4400mAh, 22WH, Charge Time Approximately 2 hours
The TnT-3PLM is Wavecom Instruments’ 3 Phase Portable Appliance Tester for testing of Single and 3 Phase devices. With Class I and II tests, Extension Lead tests, Mains Supply tests, RCD tests and more, the TnT-3PLM has all your 3 phase testing needs covered.

The 3PLM introduced a world first in innovative Three Phase engineering to combine Appliance Power Measurements, Leakage Current Testing, RCD Testing and more into a Portable Appliance Tester.

The TnT-3PLM boasts a 20,000 item memory for large scale testing, and a compatible keyboard and scanner for simple data entry. The heavy duty transit case is manufactured from high impact structural polymer and can handle whatever your work site can throw at it.

The TnP-3PLM also offers a thermal transfer printer for quick and easy tag printing on site. We even load your logo and contact details into the printer so your tester is ready to start testing out of the box.

All 3PLM appliance testers come with our own WinPATS asset management software, which makes organising sites, locations, appliance and more a breeze. Three phase appliance testing has never been so simple.

As will all Wavecom Instruments Appliance Testers, the 3PLM series come with a 12 month manufacturers calibration certificate, and a 24 month warranty. All our appliance testers are Australian designed and manufactured to the highest Australian standards.

Features

◊ Testing of Single and Three Phase Appliances
◊ Data Connectivity with USB port and via PC
◊ Built in Memory (20,000 items)
◊ Three Phase Leakage Current, RCD, Load Testing and more
◊ 250V/500/100V insulation testing
◊ Earth Bond Testing to 25 Amps
◊ 20A & 32A Current Capacity options
◊ Available as Standalone Tester or with integrated Thermal Transfer Print
◊ Conditional 24 month warranty
### Specifications

<table>
<thead>
<tr>
<th>Mains Supply Tests</th>
<th>Checks Polarity and continuity of mains supply by LED indicators (A-N, A-E, and N-E). (Flashing red LED indicates test fail)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class I Tests - Earthened Appliance</td>
<td>Appliance Check: Ensures appliance is plugged in and turned on. Earth Bond Test: 200mA to 25A. Pass level Less than 1.0 Ω. Measurement: 0.01Ω to 10 Ω. Insulation Test: 1000VDC / 500VDC / 250VDC. Pass level Greater than 1MΩ. Measurement: 0.1Ω to 10MΩ. *See also Leakage Test</td>
</tr>
<tr>
<td>Class II Tests - Double Insulated Appliance</td>
<td>Appliance Check: Ensures appliance is plugged in and turned on. Insulation Test: 1000VDC / 500VDC / 250VDC. Pass level Greater than 1MΩ. Measurement: 0.1Ω to 10MΩ. *See also Leakage Test</td>
</tr>
<tr>
<td>Extension Lead Tests</td>
<td>Earth Bond Test: 200mA to 25A test current. Pass level Less than 1Ω. Measurement: 0.01Ω to 10.0Ω Insulation Test: 500VDC / 250VDC. Pass level Greater than 1MΩ. Measurement: 0.1Ω to 10.0MΩ. Continuity/Polarity Test: 250VAC check continuity and polarity of leads. Displays Pass/Fail</td>
</tr>
<tr>
<td>Power Measurement</td>
<td>Leakage Current: 0 to 30.0mA at 200 to 265V - Load Current: 0.0 to 20Amp (Single Phase Socket) Voltage: 200 to 265VAC - Power Factor: 0.00 to 1.00 - Apparent Power: 0 to 4800VA - Power 0 to 4800W</td>
</tr>
<tr>
<td>Meter Mode®</td>
<td>Green flashing LED denotes Meter Mode is engaged - Load Current: 0.0 to 10Amp - Voltage: 200 to 265VAC Apparent Power: 0 to 2400VA - Power: 0 to 2400W</td>
</tr>
<tr>
<td>RCD Tests</td>
<td>Trip Current: 2 to 500mA in 1mA steps - User selectable. - Trip Time: 0 to 3,000ms at .001sec resolution. Current Ramp Trip Test: 0 to 500mA in 1mA increments.</td>
</tr>
<tr>
<td>Leakage Tests</td>
<td>Leakage Current: 0 to 30.0mA at 200VAC to 265VAC (Single Phase) / 200VAC to 415VAC (Three Phase) Note 1: Pass level for CLASS 1 is &lt;5 mA; pass level for CLASS 2 is &lt;1 mA Note 2: Leakage test may be performed if a standard CLASS 1 or CLASS 2 is not possible</td>
</tr>
<tr>
<td>Memory</td>
<td>20,000 items (up to 160,000 tests total)</td>
</tr>
</tbody>
</table>
Appliance Test Kits

We also offer a range of TnT Test Kits - offering a host of extras not included with the standard TnT Testers, as well as extra protection from the elements with the IP rated carry case, these kits offer excellent value for money and suit a wide range of situations. From every day test and tag operations, to heavy industrial or mining sector work where the rugged protective case is especially useful, our Appliance Test Kits are right at home in any environment. If you’re looking for a step up from our standard TnT units, these kits are exactly what you need!

**TnT +M Kit**

- **Contents**
  - TnT+M appliance tester
  - Isolation transformer
  - Mini Keyboard
  - IP rated Tough Carry Case
  - Roll of 250 ATT Tags
  - Tag Cutter
  - WinPATS Premium Software

The TnT+M Kit offers an all in one test and tag kit, perfect for getting a new technician up and running, or updating your old equipment. The 5,000 item memory of the TnT+M means you can easily manage your sites, locations and test results.

**TnT +XM Kit**

- **Contents**
  - TnT+XM appliance tester
  - Isolation transformer
  - Mini Keyboard
  - IP rated Tough Carry Case
  - Roll of 250 ATT Tags
  - Tag Cutter
  - WinPATS Premium Software

The TnT+XM Kit includes everything offered with the standard TnT+M kit, but with extended 20 Amp Load Current Capacity. The built-in memory makes it ideal for large sites, and the extra capacity is well suited for industrial and mining sectors.
Appliance Test Kits

**TnT RCD Kit**

**Contents**
- TnT-RCD appliance tester
- Isolation transformer
- IP rated Tough Carry Case
- Roll of 250 ATT Tags
- Tag Cutter
- Test Results Log Book

The TnT-RCD kit is ideal for getting started with RCD testing. Offering all the benefits of our standalone TnT-RCD tester, with the added bonus of the Isolation Transformer and free roll of tags, you won’t beat the TnT-RCD kit for value.

**TnT RCDX Kit**

**Contents**
- TnT-RCDX appliance tester
- Isolation transformer
- IP rated Tough Carry Case
- Roll of 250 ATT Tags
- Tag Cutter
- Test Results Log Book

The TnT-RCDX kit offers all the features of the TnT RCD Kit, with an extended 20 Amp Load Current Capacity for improved testing capability. Ideal for industrial or mining environments that deal with higher currents.

**RCD Test Kit**

**Contents**
- Digital RCD Tester
- Isolation Transformer
- CAT III & CAT IV compliant Test Leads and Clips
- Deluxe Rugged Carry Case

The RCD Test Kit is our best value for money testing kit. Ideal for testing both portable RCDs, as well as RCDs straight from the switchboard, this kit is perfect for highly accurate and reliable RCD testing.
Our range of Printable Test Tags are available in standard and UV-resistant varieties. Specially designed for tag printing with our TnP-500 units, these tags are durable and reliable.

100mm x 40mm - 500 Tags/Roll (UV Resistant: 400 Tags/Roll)

Colours:
- Blue (B)
- Burgundy (BUR)
- Green (G)
- Orange (O)
- Pink (P - Standard Tags Only)
- Red (R)
- White (W)
- Yellow (Y)

Our full resin ribbons will ensure very high bonding properties when printing with Wavecom tags. Specifically chosen to provide clear prints and scratch resistance, your tags will be sure to last.

Each roll (Standard and UV) prints approximately 650 tags.

Our Small Combo Pack contains Printable Tags and Printing Ribbon, at a great discounted rate. Perfect for large scale testing.

Standard: 5 Rolls of Tags + 4 Rolls of Ribbon (2,500 Tags Total)
UV Resistant: 5 Rolls of Tags + 3 Rolls of Ribbon (2,000 Tags Total)

One Colour Per Pack - Colours:
- Blue (B)
- Burgundy (BUR)
- Green (G)
- Orange (O)
- Pink (P - Standard Tags Only)
- Red (R)
- White (W)
- Yellow (Y)

Our Large Combo Pack contains Printable Tags and Printing Ribbon, at a massively discounted rate. Our best value option.

Standard: 12 Rolls of Tags + 9 Rolls of Ribbon (6,000 Tags Total)
UV Resistant: 12 Rolls of Tags + 8 Rolls of Ribbon (4,800 Tags Total)

One Colour Per Pack - Colours:
- Blue (B)
- Burgundy (BUR)
- Green (G)
- Orange (O)
- Pink (P - Standard Tags Only)
- Red (R)
- White (W)
- Yellow (Y)

Clear Laminated Tag Overlays

For use with Wavecom Printable Tags, these clear laminated overlays provide extra protection from the elements, as well as making the tag itself stronger and more rigid.

1000 Overlays per Roll.
Appliance Test Tags

Please note: When ordering appliance test tags, please specify which colour(s) you require by putting the relevant letter at the end of the code - ie. for blue ATT Tags, use ‘WCM-ATT-Tags-B’

ATT Tags

ATT tags are a medium-duty appliance test tag, ideal for indoor environments such as offices and factories. ATT Tags are laminated to provide a long lasting tag that won’t fade over time.

- 250 Tags per Roll
- Colours: Black (BLK) - Blue (B) - Burgundy (BUR) - Green (GN) - Orange (O) - Red (R) - Yellow (Y) - White (W)

TT Tags

TT Tags are a medium-duty tag, suitable for most indoor and outdoor applications that don’t require specialised protection and are self-laminating to protect your tag from the elements.

- 100 Tags per pack with pen included
- Colours: Black (BLK) - Blue (B) - Burgundy (BUR) - Green (GN) - Orange (O) - Red (R) - White (W) - Yellow (Y) - Rainbow (RAIN)

TM Tags

TT Tags are a heavy duty tag, suited to all but the harshest conditions. Featuring one of the strongest self-adhesives available, these tags are ideal for construction sites and factories.

- 100 Tags per pack with pen included
- Colours: Black (BLK) - Blue (B) - Burgundy (BUR) - Green (GN) - Orange (O) - Red (R) - White (W) - Yellow (Y) - Rainbow (RAIN)

TA Tags

Our strongest tag on offer, TA Tags are a super-heavy duty test tag, specially formulated for use in heavy industrial and mining environments.

- 100 Tags per pack with pen included
- Colours: Black (BLK) - Blue (B) - Burgundy (BUR) - Green (GN) - Grey (G) - Orange (O) - Red (R) - White (W) - Yellow (Y)
We also offer a tag customisation service for our Appliance Test Tags - we offer pre-printed customisation on our ATT, TT and TM Tag ranges. Tag designs can feature your logo, business name, contact details, license details, technician names and more.

ATT Tags can be printed only in black and white using thermal transfer printing, while TT and TM Tags can be printed in full colour, making them a great option for advertising your test and tag services.

To customise your tags, contact office@wavecom.com.au once your order is confirmed. Please include any images and information you’d like on your tag in this email. Our staff will create your tag design, and send you an approval form. After signing off on the design, your tags will be printed.
Specific Purpose Tags

**New To Service Tags**
For appliances that have been introduced into service and will require test and tagging in the future.

100 Tags per Pack

**Out of Service - Danger Tags**
For appliances that have failed a test and should not be used in the future until the fault is fixed.

100 Tags per Pack

**RCD Tags**
For tagging Residual Current Devices - for use with Appliance Testers with RCD testing capabilities, or dedicated RCD Testers

100 Tags per Pack

**Microwave Tags**
For tagging any appliance tested for microwave leakage, such as household microwave ovens.

100 Tags per Pack
Waterproof Warning Tags

Wavecom Danger Tags

Features

◊ Waterproof Lightweight Tag
◊ Cheap and Effective
◊ Held in place with brass eyelet and string
◊ 100 Tags per pack

Wavecom Out of Service Tags

Features

◊ Waterproof Lightweight Tag
◊ Cheap and Effective
◊ Held in place with brass eyelet and string
◊ 100 Tags per pack

Wavecom Information Tags

Features

◊ Waterproof Lightweight Tag
◊ Cheap and Effective
◊ Held in place with brass eyelet and string
◊ 100 Tags per pack
The new Meter Case from Wavecom comes with a True RMS Clamp Meter, True RMS Digital Multimeter and an Analogue Insulation Tester, for a broad range of testing operations. Our heavy duty transit case is water tight, vibration proof, dust proof and chemical resistant, so wherever you go, Wavecom’s Three in One Meter Case can go with you.

**Analogue Insulation Tester**
- 250/500/1000V DC
- Displays AC mains voltage
- Low ohms, 500Ω and 3Ω range
- 1mA test current on insulation test of nominal voltage
- 205mA continuity short circuit
- On line battery display
- Live circuit warning indication
- Includes High Quality Lead Set and Calibration Certificate

**True RMS Clamp Meter**
- 400A/1000A AC/DC
- 400V/1000V AC/DC
- True RMS Measurement
- Auto-ranging for voltage, current and resistance
- 400mm Ø conductor size
- Data hold
- Continuity Test
- Factory Calibration Certificate supplied

**True RMS Multimeter**
- True RMS Measurement
- 6000 counts
- High-Res LCD Display with bar graph and backlight
- IP67 dust and waterproof
- 1000V Input Protection on all ranges
- Auto-Power Off
- Data hold/min max recording
- Temperature Function
WinPATS Overview

WinPATS is Wavecom Instruments’ Asset Management Software, specially designed for recording, managing and reviewing your test results. Fully Integrated with our TnT+M and TnP-500 Appliance Testers, uploading, organising and reviewing your test results has never been easier.

WinPATS records your test data and displays it in an easy to read table. Data can be uploaded via manual input, or directly from a Wavecom Instruments WinPATS capable tester. Information like Sites, Locations, Asset Numbers and Next Test Date is all displayed for the user, making asset management quick and easy. Fields for Comments and the ability to assign specific tests to assets means retesting is simple, and if your tester is connected to the device running WinPATS, tests can be conducted simply by clicking “Retest”.

WinPATS offers a range of filters and reports that can be automatically generated, giving you easy access to the information you need, as well as the ability to create your own reports for specific requirements. This allows you to delegate and organise your testing operations, as well as produce reports for clients or your own records.

WinPATS is offered in different versions to suit different requirements:

**WinPATS Base**

WinPATS Base is our cheapest option - ideal for single technicians or smaller, in house operations. WinPATS Base offers all the features of the higher tier products, such as TnT & TnP-500 integration, but is limited to 1 database of 1,000 items, with some report options unavailable.

**WinPATS Premium**

WinPATS Premium is the flagship version of WinPATS - offering totally unlimited access to all WinPATS features, and no limit to the number of databases and items you can manage. WinPATS Premium is more suited to larger testing operations with multiple sites and clients.

**WinPATS LogBOOK**

WinPATS LogBOOK is a great solution for technicians who don’t have a TnT Tester with data connectivity, or for use with other electrical equipment. Offering the same functionality as other WinPATS versions, but without tester integration, LogBOOK is a much more affordable option. This makes it ideal for technicians with a wider range of equipment who can input their own results and don’t require the automatic upload features of the more expensive versions.

We also offer support services for all our WinPATS versions. Every WinPATS license sold comes with a 30 day Technical Support guarantee, to help every user get set up and familiar with the software, as well as troubleshooting for any issues you may have. We also offer a 12 Month Extended Support Package, which entitles the user to free over the phone and email support and troubleshooting.

Whatever your needs, we have a WinPATS option to suit your requirements and budget - and there are more exciting developments for WinPATS coming soon.
WinPATS Versions

WinPATS Base Version
Ideal for single technicians or smaller, in house operations. WinPATS Base offers almost all the features of the higher tier products, such as TnT & TnP-500 integration, but is limited to 1 database of 1,000 items, with some report options unavailable.

WinPATS Premium Version
WinPATS Premium is the flagship version of WinPATS - offering totally unlimited access to all WinPATS features, and no limit to the number of databases and items you can manage. WinPATS Premium is more suited to larger testing operations with multiple sites and clients.

WinPATS LogBOOK Version
WinPATS LogBOOK is a great solution for technicians who don’t have a TnT Tester with data connectivity, or for use with other electrical equipment. Offering the same functionality as other WinPATS versions, without tester integration, LogBOOK is a more affordable option for asset management software.

WinPATS Extended Support Plan
12 Month Support Package for WinPATS, offering over the phone and email support and troubleshooting. Users with WinPATS Extended Support are also eligible for any updates or upgrades made available during their 12 month plan.
Tester Accessories

Wavecom Thermal Transfer Printer
Our Thermal Transfer Printer features 203dpi and 300dpi options, and is easy to use, load and empty. Offers USB & Serial Interfaces.

Wavecom Printer with WinPATS Logbook
Save time and money with our WinPATS Logbook and Thermal Transfer Printer bundle - makes printing tags easier than ever.

Printer Serial Cable
Serial Cable for Connecting your Wavecom Appliance Tester to your Thermal Transfer Printer.

Wavecom Keyboard
Mini Keyboard - Small form factor and lightweight yet sturdy design make it perfect for travelling.
(286mm L x 136mm W x 17mm H)

Wavecom Barcode Scanner
Provides fast, reliable scanning in a durable, lightweight form. Barcode scanner for PC/Laptop (USB) - Used with TnT Scanner - Requires Y Lead & programming.

Y Splitter Cable for Barcode Scanner
Dual Connection Cable for using Barcode Scanner with TnT Testers.
**Tester Accessories**

**Heavy Duty Carry Case - Large**  
Our carry cases are watertight, dust proof, vibration proof and chemical resistant - perfect for keeping your equipment safe.  
Dimensions: 430mm W x 380mm L x 154mm H

**Wavecom Isolation Transformer**  
Ensures switchboard RCD won’t trip while conducting RCD Tests.  
240V AC @ 100mA max - for RCD Testing Only

**Test and Tag Log Book**  
Specially designed note book for keeping records of test and tag operations, as required under AS/NZS 3760:2010 standards.

**RCD Log Book**  
Specially designed note book for keeping records of test and tag operations, as required under AS/NZS 3760:2010 standards.

**Tag Remover**  
Removes tags from power cables without the risk of damaging the cable - makes removing old tags quick and easy.
Tester Accessories

**Locking Power Lead - 10A**
Blue Power Lead for Wavecom Appliance Testers with locking mechanism to ensure power supply.

WCM-TNT-PWRLD

**Locking Power Lead - 20A**
Black Power Lead for Wavecom Appliance Testers with locking mechanism to ensure power supply.

WCM-TNT-PWRLD-20

**IEC 20/10 Adaptor Lead**
IEC 20 Amp to 10 Amp Adaptor Lead with locking mechanism to ensure power supply.

WCM-IEC2010

**Figure 8 IEC Adaptor**
Ideal for testing laptop computer power leads and similar devices.
IEC-C13 Female to IEC-C8 Male (2 Pin Figure 8)

WCM-8-ADPT

**Cloverleaf IEC Adaptor**
Ideal for testing laptop computer power leads and similar devices.
IEC-C13 Female to IEC-C6 Male (3 Pin Cloverleaf)

WCM-CLOVER-ADPT
**Tester Accessories**

- **WCM-IEC-20E**
  **Alligator Earth Bond Test Lead**
  IEC-C13 to Alligator Clip Lead for Earth Bond Tests

- **WCM-IEC550**
  **IEC Extension Lead**
  550mm IEC-C13 to IEC Type 1 Adaptor for Extension Lead Testing

- **WCM-IEC-Lead-Set**
  **Lead Set Pack**
  Lead set contains: Alligator Test Lead and IEC Extension Lead

- **WCM-Probe-Kit**
  **Test Probe Kit**
  Silicon Earth Leads with Interchangeable Probes & Alligator Clips

- **WCM-RCD-Test-Leadset**
  **RCD Test Lead Set**
  RCD Lead Set for Direction Switchboard RCD Testing.
  CAT III 1000V & CAT IV 600V Rated - 3 Probe Leads, 3 Alligator Clips & 1.5m lead.
## Tester Accessories

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WCM-3PHASE</td>
<td>Three Phase Adaptor &lt;br&gt;IEC Type 1 Plug to Five Pin Socket for Testing 3 Phase Devices</td>
</tr>
<tr>
<td>WCM-3PH-MADP</td>
<td>Three Phase Multi-Adaptor &lt;br&gt;IEC Type 1 Plug to 2x Five Pin Socket Multi-Adaptor</td>
</tr>
<tr>
<td>WCM-3PH-MADP-SW</td>
<td>Three Phase Multi-Adaptor with Switch &lt;br&gt;IEC Type 1 Plug to 2x Five Pin Socket Multi-Adaptor with Switch Selector</td>
</tr>
<tr>
<td>WCM-T3PH42L</td>
<td>Three Phase Four Pin 20A Mains Supply Lead &lt;br&gt;IP66 Four Pin Plug for TnT-3PLM &amp; TnP-3PLM Testers</td>
</tr>
<tr>
<td>WCM-T3PH52L</td>
<td>Three Phase Five Pin 20A Mains Supply Lead &lt;br&gt;IP66 Five Pin Plug for TnT-3PLM &amp; TnP-3PLM Testers</td>
</tr>
</tbody>
</table>
Tester Accessories

Appliance Tester Fuse
M205 10Amp Ceramic 240v fuse for Wavecom Appliance Testers

Isolation Transformer Fuse
M205 500mA Glass240V fuse for Wavecom Isolation Transformers

Mesh Tinned Copper Braid - 500mm
Mesh-Tinned Copper Braid for Double Insulated Testing

Mesh Tinned Copper Braid - 1,000mm
Mesh-Tinned Copper Braid for Double Insulated Testing
Digital Multimeters

Wavecom 89 Digital Multimeter

- True RMS measurement
- 6000 count high res display
- LCD display with bar graph & backlight
- Data Hold/Max Min recording mode
- IP67 dust and waterproof
- Auto power off
- 1000V input protection on all ranges
- Analogue bargraph/segment
- Relative mode
- Temperature function
- Wide capacitance range

Wavecom 98 Digital Multimeter

- Wavecom multimeter with 40000 count high resolution
- Triple LCD display with bar graph
- TRUE RMS and Peak capture
- 1000 VOLT input protection on all ranges
- IP67 dust & waterproof rated
- 4-20mA process loop measurement with % reading
- DATA HOLD MAX/MIN/recording mode
- Auto Power OFF
- Wireless USB interface
- CAT III 1000V & CAT IV 600V
- 10A/1000V & 0.5A1000V fuses

Multimeter Test Leads

Test Leads for Use with Wavecom Multimeters

Fused Test Probes with Silicone Test Leads

Silicone Test Leads for Indicating Live Voltage
1500mm Long - Rating: EN 61010-031 - CAT III 1kV 10A CAT IV 600V 10A

Professional Silicone Lead Set with Case

Professional Silicone Lead Set for all types of Multimeters
1800mm Long - CAT III 1000V & CAT IV 600V - 2 Probes, 2 Alligator Clips, 2 Leads
Clamp Meters

Wavecom 2950CL Clamp Meter

Features
- Pocket Size
- 4000 counts
- Auto measurement
- Voltage / Current / Resistance measurement
- 1000A AC / 600V / 1000V DC
- Data hold function
- Continuity test
- Diode measurement
- Select function
- Low battery indication
- Auto off function
- Flashlight (Auto off in 1 minute)

Wavecom 3921CL Clamp Meter

Features
- Leakage clamp meter
- 200mA range
- Resolution @ 0.1mA
- 1000A AC
- 600V AC/DC
- Data hold
- Max. reading
- 5 current ranges - 200mA, 2A, 20A, 200A, 1000A
- Low battery indication
- 55mm conductor size
- 2 samples/s Sampling Rate
- 100 hour Battery life
- Calibration certificate included

Wavecom ET-3888 True RMS Clamp Meter

Features
- Highly Versatile Digital Clamp Meter
- True RMS Measurement for measuring AC Current and Voltage
- 400A/1000A AC/DC
- 400V/1000V AC/DC
- Autoranging for Voltage, Current and Resistance
- Data Hold Function
- 40mm ø Conductor Size
- Ergonomic Design
Earth Resistance Testers

4 Wire Earth Resistance Tester

- Microprocessor-controlled
- Earth Resistivity ($\rho$) test
- Earth testing at 2Ω, 20Ω, 200Ω, 2kΩ
- Earth voltage 0-300V AC
- Automatic C spike check.
- Automatic P spike check
- 2, 3 & 4-wire test
- LCD display, 2 lines X 16 characters
- 200 measurement memory
- Auto ranging
- Auto power OFF
- Data hold
- Robust, compact and easy-to-carry.

Wire Earth Resistance & Resistivity Tester

- Microprocessor-controlled.
- Earth Resistivity ($\rho$) test.
- Earth testing at 20Ω, 200Ω, 2kΩ.
- Earth voltage : 0-300V AC.
- Automatic C spike check.
- Automatic P spike check
- 2, 3 & 4-Wire test
- LCM display.
- Robust, compact and easy-to-carry.

Wire Earth Resistance & Resistivity Tester

- Microprocessor-controlled.
- Earth resistivity ($\rho$) test.
- Earth testing at 20Ω, 200Ω, 2kΩ.
- Earth voltage 0-300V AC
- Automatic C spike check
- Automatic P spike check
- 2, 3 & 4-Wire test
- LCM display
- Auto ranging
- Auto power OFF
- Data hold
- 200 test result memory
- Interval between auxiliary earth spikes is 1.0-50.0m
- Optical USB to RS-232 data transmission
- Data can be transferred to PC
- 2 optical LEDs for data transfer
**Insulation & Loop Testers**

**High Voltage Insulation Tester**

- 10KV Digital High Voltage Insulation Tester
- Microprocessor-controlled
- 4 Insulation test Voltages: 1,000V / 2,500V / 5,000V / 10,000V
- Continuity ranges @ 50GΩ / 125GΩ / 250GΩ / 500GΩ
- Output Current Limit: 50mA to 100mA
- Bar Graph Display
- Test Voltages Rise and Decay can be Observed During Testing
- Rugged and Durable Carry Case

**Analogue Insulation Tester**

- 250/500/1000 VDC
- Displays AC mains voltage
- Low Ω, 500Ω and 3Ω ranges
- Automatic safety discharge once the test is completed
- 1mA test current on insulation test of nominal voltage
- 205mA continuity short circuit
- Live circuit warning display
- On line battery display
- Push & turn locking switch for hands free testing
- Supplied with high quality lead set

**Digital Electrical Network Analyser**

- Microprocessor-controlled
- 2 Lines x 16 Characters LCD
- Auto-ranging / Auto-off
- One push button operation
- Low power consumption
- Better than 3% accuracy
- Wiring integrity test (display + LEDs)
- Over temperature protection and indication
- Stores previous readings
- Measures:
  - L-E and L-N AC voltages
  - L-E and L-N loop impedance
  - Prospective short circuits L-E and L-N
  - Earth spike, line and neutral impedances
General Purpose Testers

**Multifunction Tester**
- For AS/NZS:3000 Testing
- Performs a Wide Range of Tests:
  - RCD Trip Time/Ramp Tests, Insulation resistance (250V/500V/1000V) Loop Impedance,
  - Non Trip/High Current, PFC & PSC, Low Ohms, Voltage, Polarity
- Comes with 2 Sets of Test Leads & a Hard Carry Case

**Phase Sequence Indicator**
- Insulated non-contact safety alligator clips
- Convenient back cover magnet for fixing to metal panels while in use
- CAT IV 600V
- Non-Contact Phase Detector.
- Flashing LED with Audible alarm.
- Open phase and phase sequence detection.
- 3 phase 75AC to 1000AC
- Frequency range 45 to 65 Hz
- Cable length 800mm

**Light Meter**
- Measurement to 40,000 lux & 4000 fc
- 0.01 lux resolution & 0.001 fc resolution for high accuracy
- Auto off function
- Data hold
- Peak hold function
- Low battery indication
- Calibration mode
- Over range indication
- Auto Ranging
- Lux/ fc function
- 9 volt battery operation

**Multipurpose Test Box**
- Operating Voltage from 210VAC to 255VAC @ 50Hz
- RCD Tester (Current & Time)
- Wiring check (phase, neutral & earth)
- Loop tester
- Continuity Testing (up to 300mA)
- Insulation Testing (up to 1.2kV)

**Circuit Breaker Identifier**
- On/Off button and low battery indication
- Auto power off.
- Audible tone when a fault is found,
- Transmitter, receiver, plug and operating instructions.
- Analogue bar graph display.
General Purpose Testers

**Multi-Purpose Cable Tester**
- Tests the correct pin configuration for different kinds of cables - RJ45/RJ11, Coax, USB, BNC cable, multi-wired cables
- Auto scan or manual check
- Audible alarm warning for wire status
- 2 LED module indicators on the master unit which can do both of transmitter and receiver functions for RJ45/RJ11 cable testing. Users don’t need to use the receiving unit
- Checks cable continuity, open status, short status and miss wired
- Ground (shielded) wire test
- LED indication for wire status

**Multipurpose Tone Generator**
- Four transmitter plug types: RJ-11, RJ-45, COAX & Alligator clips
- Fast and Slow Alternating Tone Options
- Telephone line polarity check - Tip & Ring side
- Cable tracing
- Telephone line status check for Clear, Busy and Ringing lines
- Continuity check
- Includes transmitter plug storage
- Flashlight function

**LAN Cable Tester**
- Designed for RJ45/RJ11 Modular cables, 10/100 Base-T cable and Token Ring Cable
- Can verify cable continuity, open, short circuit and miss-wired
- Auto and manual scan functions
- Ground wire test
- Remote receiving unit is available for installed cables far away either on the wall plates or on the patch panel.
- Lock status function
- Audible alarm warning for wire status
- Display: LED indication for wire status.

**Cable Tracer Tone Generator**
- Designed to identify and trace wires or cables within a group
- Volume control for increased sensitivity and adjustment to suit work environment
- Recessed on/off button
- 9 volt battery with a life of approx. 100 hours
- Headset or handset operation through phone jack

**Microwave Leakage Detector**
- Measuring Range: 0 to 9.99 mW/cm
- Alarm Level: 5.0 mW/cm^2 Power Supply
- LCD digital readout
- Audible beep and LED indication at alarm level
- Single 9V battery
Milliohm Meters

Milliohm Meter

- Microprocessor-controlled
- Four terminal measurement
- 5 Ranges from 200.0µΩ to 2000Ω
- Maximum resolution 100µΩ
- Three test currents with over-temperature protection
- Large LCD Display
- Protection against inadvertent connection to over voltage
- "Full-featured EnerSave™"
- "EnerSave™ Auto off."
- Lightweight, robust & compact.
- Indicators show if reading may be invalid (Rp Ec and temperature)
- "O-Ring" sealed case.

Battery Powered Milliohm Meter

- Microprocessor-controlled
- Four terminal Kelvin measurement
- 5 Ranges from 200.0µΩ to 2000Ω
- Maximum resolution of 1µΩ
- Three test currents with over-temperature protection
- Over Voltage protection
- Large LCD, 2000 count
- Auto Hold & Auto Power Off
- Water resistant transit case
- Invalid test indicators prevent inaccurate measurements
- Comes 2 sets of test leads (4 wire with 4 alligator clips & 4 wire with 2 Kelvin alligator clips) and 8 AA batteries.

Low Resistance Ohm Meter

- Microprocessor-controlled
- 6 ranges from 2.000mΩ to 200.0Ω
- Maximum resolution of 1µΩ
- Three test currents with over-temperature protection.
- Four terminal measurement.
- Potential lead resistance and current lead resistance checks.
- Clear & large LCD Display
- Protection against inadvertent connection to over-voltage (crow bars for current and voltage)
- EnerSave™ Auto-hold & Auto-off
- Rechargeable battery operated
- Robust & compact.
- Indicators show if reading may be invalid (RP, RC, and temperature).
- "O-Ring" sealed case.
# RCD Testers

<table>
<thead>
<tr>
<th><strong>WCM-RCD</strong></th>
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<td>Digital voltage reading line to earth</td>
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<tr>
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<td>RCD ramp current test 10 - 650mA</td>
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<td></td>
<td>0 and 180 degree phase testing</td>
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</tr>
<tr>
<td></td>
<td>Microprocessor controlled for highest accuracy &amp; reliability</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>12 month warranty</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>12 month calibration certificate</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>AS/NZ 3760 : 2010 compliant</td>
<td>-</td>
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<tr>
<td></td>
<td>Delayed function test</td>
<td>-</td>
</tr>
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<td></td>
<td>Display change to Red for failed test</td>
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<table>
<thead>
<tr>
<th><strong>WCM-1813EL</strong></th>
<th><strong>Digital RCD Tester</strong></th>
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<tbody>
<tr>
<td></td>
<td>Microprocessor Controlled</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>2 Lines x 16 Character Display</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Menu Driven</td>
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</tr>
<tr>
<td></td>
<td>Auto data hold function</td>
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</tr>
<tr>
<td></td>
<td>0° and 180 ° degree phase testing</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Mains Supply test</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Polarity trip indicator (positive or negative phase)</td>
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</tr>
<tr>
<td></td>
<td>Digital Voltage reading line to earth</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>RCD ramp current test</td>
<td>-</td>
</tr>
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</table>

<table>
<thead>
<tr>
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<td></td>
<td>Phase to Earth Voltage Measurement</td>
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<td>Individual selection one of three</td>
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<td>Colour Coded test leads</td>
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<td>Current Settings to 999mA AC 50-60Hz</td>
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</tr>
<tr>
<td></td>
<td>Phase Selection: 0° and 180°</td>
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<tr>
<td></td>
<td>Over temperature Protection</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Time resolution @ 1ms (99.99s max)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Battery Operated</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>WCM-TEL1-4-240V</strong></th>
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<th><strong>Features</strong></th>
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<tbody>
<tr>
<td></td>
<td>Dual Function Test Instrument</td>
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<tr>
<td></td>
<td>Verify Electrical Wiring Connections</td>
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</tr>
<tr>
<td></td>
<td>Test Earth Leakage Detectors &amp; RCD Devices</td>
<td>-</td>
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<tr>
<td></td>
<td>CAT III 240VAC Rated</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>10mA to 35 mA Range</td>
<td>-</td>
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<tr>
<td></td>
<td>Handy Pocket Size &amp; Tough Casing</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Ideal for Electricians</td>
<td>-</td>
</tr>
</tbody>
</table>
## Voltage Detectors

### Mini Voltage Detector
- **Features**
  - Non Contact Detection
  - Bright LED with Audible Alarm
  - 50VAC to 1000VAC Operation
  - On/Off Button for Longer Battery Life
  - Flashing LED Light Indicator
  - CAT III 1000VAC

**WCM-ET-18**

### Electrical Voltage & Continuity Tester
- **Features**
  - Clear LED indication
  - 1999 counts LCD display with analogue bar
  - AC/DC Voltage detection
  - Polarity detection
  - Single-pole phase test
  - Low impedance test
  - Flashlight
  - Voltage function operates without battery
  - IP64 Rated
  - Rating at CAT III 1000V/CATIV 600V

**WCM-ET-188**

### High Voltage Proximity Detector
- **Features**
  - 8 Voltage settings; 240VAC, 2kV, 6kV, 11kV, 22kV, 33kV, 132kV and 275kV
  - Bright LED Visual Indication
  - Audible Alarm Indication
  - Self-Test selection
  - Detects low Voltage on any systems
  - Non-contact Operation
  - Light weight, Robust and Compact
  - Compatible with Telescopic Hotstick
  - Operating temperature -10C - 55C
  - High impact nylon casing
  - Detects low voltage on any system

**WCM-275HP**

### IP Rated High Voltage Proximity Detector
- **Features**
  - 8 Voltage settings; 240VAC, 2kV, 6kV, 11kV, 22kV, 33kV, 132kV and 275kV
  - IP 65 rated
  - High Bright LED Visual Indication
  - Audible Alarm Indication
  - Self-Test selection
  - Detects low Voltage on any systems
  - Detects low voltage on any system

**WCM-278HP**

### Telescopic Hot Stick
- **Features**
  - Push Button release for easy extension and retraction
  - Telescopic Design & Rubber Hook Latch allows for easy assembly, storage and transportation
  - Ergonomic shape for safer gripping and carrying
  - Voltage rating @ 100kV
  - Carry bag Included
  - Complies with IEC 62193 Safety Standard

**WCM-HS 175-5**
Electrical Safety Kits

Wavecom Lockout Kit

Contents

◊ 1 x Carry Bag
◊ 2 x Universal Lockout for Miniature Circuit Breakers
◊ 1 x Universal Lockout for Moulded Case Circuit Breakers
◊ 1 x Lockout for Fuse Holders
◊ 1 x Multifunction Cable Lockout Device
◊ 1 x Stainless Steel Lockout Hasp
◊ 1 x Safety Lockout Padlock
◊ 4 x Danger Tags
◊ 2 x Out of Service Tags
◊ Pen, Screwdriver and Cable Ties

Wavecom Switchboard Rescue Kit

Contents

◊ Fire Blanket
◊ Trauma Dressing
◊ Isolation Tag
◊ 1000V Insulating Gloves
◊ 1000V Rescue Crook
◊ Weatherproof Torch
◊ Contained in a Durable, Bright Orange Carry Case

About

This Rescue kit is designed for rescue operations in live current situations. Essential for anyone working around live currents.
All the Major Brands

Keeping your electrical testers calibrated is the only way to ensure their safety and accuracy. That’s why we offer calibration services on a range of our electrical testers, and other testers from the major brands like Fluke, Seaward, Kyoritsu, Metrel and more. Our NATA Traceable calibration services are recognised Australia wide, giving you peace of mind that your testers are always safe and accurate.

Wavecom Manufactured Safety TnT Testers

Here at Wavecom we are the manufacturer for the range of appliance testers, all the models have been designed and manufactured here at our plant in Adelaide. We have dedicated designed and manufactured calibrations rigs to suit this whole range of product. These calibration rigs automatically bring these test specifications and parameters into spec. Basically these dedicated test rigs we have here calibrate and correct the calibration limits/parameters of the unit, once this is passed the calibration rig acknowledges the calibration service message. All this is mainly done through the firmware on these dedicated rigs. We also provide service in most situations which includes the firmware upgrade in the main processor of the main board of the unit, and also if applicable, hardware modifications and or upgrades are finalised to bring the unit to the latest revision or the latest conformance standards.

Fast Turnaround

Minimising calibration turnaround is paramount to companies with tight schedules and who depend heavily on their test equipment. We very well understand that time amounts to money, and when your equipment is down, business comes to a total standstill, this is why we offer top priority service at our facilities. Wavecom offer affordable pricing with prompt turnaround times for it’s NATA traceable calibration covering a wide range of test and measurement instruments. Prices start from a very low level for multimeters, RCD Testers or basic Appliance Testers.

Easy to Organise

Booking in your equipment for calibration is easy - just go to our website and click ‘Calibrations and Repairs’, then ‘Book Online Now’ and follow the directions.

Equipment we Calibrate:

If you do not see your tester on this list, you can call us on 08 8243 3500 and we’ll let you know if we can calibrate your equipment.
Contact Us

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