



The TnP-500

Portable Appliance Test & Print Kit

Our Best Value PAT Test & Print Kit

TnP-500

Portable Appliance Test & Print Kit



View Online



Ideal For

Anyone seeking a budget friendly solution for high volume test and tag work

Features

- Fully Integrated Test and Tag Printing System
- Designed for AS/NZS 3760:2022 Testing
- Class I, Class II, Extension Lead, RCD Trip Time, RCD Ramp Current, and Earth Leakage Tests
- Simple One Button Test Procedures
- Bluetooth Connectivity - Control Your TnP-500 via the new WinPATS Pro App. Conduct Tests, Save Results To The Cloud, Create Reports & Run Your Test & Tag Operations From One Place.
(Requires Android Device, not included)
- 5,000 Item & Test Result Storage
- Integrated Thermal Transfer Printer For Long Lasting Test Tags, Customised With Your logo
- Barcode Scanner
- Keyboard For Data Entry
- 10 Amp Current Capacity
- Heavy Duty Carry Case
- Optional UV Resistant & Heavy Duty tags & ribbons available
- 3 Year Warranty and 12 Month Calibration Certificate
- Designed and Manufactured in Australia

Overview

The TnP-500 is our best value portable appliance test and print kit, offering a range of features to make testing and tagging simple.

The TnP-500 features 10 amp load current capacity, and a totally new Meter Mode Function (providing instant power, voltage and current measurements).

The TnP-500 boasts a comprehensive list of tests and analysis as required under the AS/NZS 3760:2022 Standards, including Class 1, Class 2, Extension Lead, RCD Trip Time, RCD Ramp Current, and Earth Leakage tests.

Featuring an integrated tag printer and onboard memory, you can record items in the built-in database, conduct tests and print tags all in one unit. Retesting is made easy using the barcode scanner - simply

scan the barcode on your printed tag and the TnP-500 will find the item in your database for you. Keeping long term records of your test results has never been easier.

The TnP-500 now features Bluetooth Connectivity. Using the WinPATS App, you can now connect your tester to compatible mobile phones and tablets, allowing you to control your tester, record results, create reports and more, all from the palm of your hand. The Bluetooth module features the latest Bluetooth Low Energy technology, which boasts 50 metre range and excellent battery life.

Designed and Manufactured in Australia to meet stringent testing requirements - some of the highest in the world - the TnP 500 offers a fantastic value for money testing and tagging system.

Please note: Full appliance test & print kit operation requires an active WinPATS Cloud Storage & Support Plan subscription, purchased separately. To learn more about WinPATS visit www.winpats.app

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Specifications

This instrument in general meets the requirements of relevant IEC, NZS & CE Safety Class II, CAT III 300V

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| Mains Supply Tests | Checks polarity and continuity of mains supply by LED indicators (Active to Neutral, Active to Earth, & Neutral to Earth). |
| 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 1.0 Ω . Measurement: 0.01 Ω to 10 Ω . Insulation Test: 500VDC/250VDC. Pass level Greater than 1M Ω . Measurement: 0.1 Ω to 10M Ω . <i>*See also: Leakage Test</i> |
| Class II Tests - Double Insulated Appliance | Appliance Check: Ensures appliance is plugged in and turned on. Insulation Test: 500VDC/250VDC. Pass level greater than 1M Ω . Measurement: 0.1 Ω to 10M Ω . <i>*See also: Leakage Test</i> |
| Extension Lead Tests | Earth Bond Test: 200mA test current. Pass level Less than 1 Ω . Measurement: 0.01 Ω to 10.0 Ω s. Insulation Test: 500VDC/250VDC. Pass level Greater than 1M Ω . Measurement: 0.1 Ω to 10.0M Ω . 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 10 Amps - 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. <i>Note 1: Pass level for CLASS 1 is 5 mA; pass level for CLASS 2 is 1 mA.</i> <i>Note 2: Leakage test may be performed if a standard CLASS 1 or CLASS 2 is not possible.</i> |
| Power Measurement | Leakage Current: 0 to 30.0mA at 200 to 265V - Load Current: 0.0 to 10Amp (20Amp for TnT Titan 20A) Voltage: 200 to 265VAC - Power Factor: 0.00 to 1.00 - Apparent Power: 0 to 2400VA -Power 0 to 2400W. |
| Bluetooth | Bluetooth Low Energy technology with inbuilt antenna, with over 50 metre range. |
| AC Input Power | 110-240VAC, 50/60Hz |
| Dimensions | 520 x 420 x 250mm, 10kg |

Models



TnP-500

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Contents

- TnP-500 PAT Tester
- Wavecom Keyboard
- Wavecom Scanner
- Wavecom Thermal Transfer Printer
- WinPATS Asset Management Software
- Heavy Duty Transit Case
- IEC Test Lead (500mm Orange)
- USB A to USB B Interface Cable
- Serial Scanner Cable
- 500 White Printable Tags (1x Roll)
- 1 Roll of Printing Ribbon
- Earth Lead with Alligator Clips (1800mm Black)
- Locking IEC Power Cable
- User Manual & Quickstart Guide
- 12 Month Calibration Certificate
- 36 Month Conditional Warranty

Accessories

- | | |
|---|----------------------|
| • 500mm Earth Strap | TnT-ES-500 |
| • 3 Phase Adaptor to 32A - 4 or 5 Pin | WCM-3Phase |
| • 3 Phase Multi-Adaptor to 32 A | WCM-3PH-MADP |
| • 3 Phase Multi-Adaptor Switch Selectable to 40 A | WCM-3PH-MADP-SW |
| • Adaptor Cable - 20Amp/3Pin Socket (included with 20A units) | WCM-20/10 |
| • RCD Test Lead Set (RCD Switchboard Testing) | WCM-RCD-TEST-LEADSET |
| • HBC Fuse | WCM-HCB10AM205 |
| • Test Probe Kit | WCM-Probe-Kit |
| • Additional Wavecom Printer Labels | WCM-TAG-* |
| • Additional Wavecom Printer Ribbons | WCM-Ribbon |
| • WinPATS Support Subscription | In-App Purchase |



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