



# TnT+ PORTABLE APPLIANCE TESTER



- ✓ Load Current / Power Measurement
- ✓ RCD Time Trip
- ✓ RCD Ramp Current Test
- ✓ PC Connectivity
- ✓ Inbuilt USB & RS232 Interface
- ✓ Insulation Test 250V / 500V DC
- ✓ Polarity & Continuity Test
- ✓ Fail Safe Testing with, No Connection, No Test (NCNT) Feature
- ✓ Load Test Overload Protection
- ✓ KW & VA Measurement
- ✓ AS3760 Compliant
- ✓ Robust Construction
- ✓ Fully Portable & Scalable System
- ✓ Compatible with WinPATS Lite Software

If you need to Test 'n' Tag, there is no other unit that comes close in price or quality, compact and packed with features. Still deemed as the easiest to use in the industry.

Adhering to all the specifications outlined by the AS/NZS 3760 standard, the TnT+ Portable Appliance Tester is the leading, Australian made, advanced safety tester that is ideal for all general testing requirements.

The TnT+ offers high precision testing, speed and connectivity to PC . The TnT+ is simple to use with one button testing and has a pass/fail indicator that displays the actual test readings

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# TnT+ PORTABLE APPLIANCE TESTER



The TnT+ introduces a world first in innovative engineering to combine Appliance Power measurements, Appliance testing and RCD testing with full control and communications. No other tester offers as many features for this price.

Designed and manufactured in Australia, the TnT+ complies with the requirements of the AS/NZS 3760 standard. This unit allows you to do either an insulation test or an earth leakage test under Class I or Class II.

Simple one button automatic testing makes this unit fast and easy to use. A large, clear backlit LCD display shows digital readings of test results and provides prompts to the operator throughout the test sequence. The unit's ease of use and very smart automatic testing features make it the best solution.

The TnT+ is suitable for electricians and service people who wish to simplify and save time for all their manual and automatic testing and tagging applications.

## CONTENTS

- TnT+
- Earth Bond Lead
- IEC Plug to 3-pin Plug Lead Adaptor
- RS232 to USB Adaptor
- Instruction User Manual
- Soft Carry Case

## ACCESSORIES

WinPATS LITE Software	Part No: WCM-WinPATS Lite
ZEBRA Tag Printer	Part No: WCM-Z2844
USB Scanner	Part No: WCM-1200
3-Phase Adaptor	Part No: WCM-3Phase
Tinned Copper Braid	Part No: WCM-ES-500
Earth Bond Lead	Part No: WCM-IEC20E

## TESTS PERFORMED

### CLASS 1 Earthed Appliance, CLASS II Double Insulated Appliance and Extension Leads

- Appliance Check: Ensures appliance is plugged in and turned on. Class I and Class II only.
- Earth Bond Test: 200mA Test Current. Pass level less than 1 ohm. Measurement: 0.0 to 10.0 ohm. Class II and Extension Leads only.
- Insulation Test: 500VDC / 250VDC. Pass level greater than 1M ohm. Measurement: 0.5 to 10Mohm. Class I, Class II and Extension leads.
- OR Earth Leakage Test: 240VAC Mains. Pass level 5.0mA leakage at up to 10 Amp load operation. Class I and Class II only.
- Continuity/Polarity Test: 250VAC check continuity and polarity of leads. Displays Pass/Fail. Extension Leads only.

### RCD Test

- Trip Current: 2 to 500mA in 1mA steps. User Selectable.
- Trip Time: 0 to 3000ms at .001sec resolution.
- Current Ramp Trip Test: 0 to 500mA in 1mA Increments.

### Load Tester

- Leakage Current: 0 to 30.0mA at 0 to 300V
- Load Current: 0.0 to 10 Amp.
- Voltage: 0 to 250VAC
- Power Factor: 0.00 to 1.00
- Apparent Power: 0 to 2400 VA
- Power: 1 to 2400 W

### Mains Supply Test

- Checks Polarity & Continuity of mains supply by LEDs (A-N, A-E, and N-E).

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