



# The TnT Titan

## Portable Appliance Tester

*Our Cutting Edge Portable Appliance Tester with Bluetooth Connectivity*

# TnT Titan

## Portable Appliance Tester



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### Ideal For

Test & Tag professionals starting their career in AS/NZS 3760 testing, or organisations conducting testing across multiple sites.

### Features

- Fully AS/NZS 3760:2022 Compliant
- Class 1, Class 2, Extension Lead, Earth Leakage, RCD Trip Time & RCD Ramp Current Tests
- Meter Mode For Measuring Voltage, Current And Power Of Appliances, & Mains Supply Test
- Bluetooth Connectivity
- Android 4G Tablet With Winpats Pro
- Control Your TnT Titan Lite Via Our WinPATS Pro App. Conduct Tests, Print Tags, Save Results To The Cloud, Create Reports & Run Your Test & Tag Operations From One Place.
- Integrated Isolation Circuitry For Testing Portable RCDs Without Tripping Mains RCDs
- Lithium Ion Battery Power - Conduct Over 3,000 Sets Of Tests Per Charge
- 10 Amp & 20 Amp Current Capacity Versions Available
- Wavecom Carry Bag With Room For All Your Testing Accessories
- 12 Month Calibration Certification
- 3 Year Conditional Warranty
- Proudly Designed & Manufactured In Australia

### Overview

The TnT Titan is our cutting edge portable appliance tester. With a proven pedigree and a range of cutting edge features, the TnT Titan sets a new standard for portable appliance testers.

The TnT Titan boasts a comprehensive list of tests and analysis as required under the AS/NZS 3760:2010 Standards, with 10 amp (TnT Titan) and 20 amp (TnT Titan 20A) current load capacity versions available. Conducting tests is simple, either directly from the tester with one button test procedures, or via the new WinPATS App.

Where the TnT Titan truly sets itself apart from the rest is the Bluetooth module and WinPATS App. Using our new Android app, you can now connect your tester to compatible 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 significantly less power drain than older Bluetooth

standards, giving you greater battery life than ever before.

With the flexibility of lithium ion battery power, the TnT Titan gives you greater versatility with your testing than ever before. The internal lithium ion battery comes with safety focused design and more capacity to run the tester for up to 3000 sets of tests on a single charge.

The new TnT Titan design has isolation functionality built in, eliminating the need for bulky external isolation transformers, making RCD tests quicker and easier. The TnT Titan is designed for high power efficiency and faster data processing and also comes with AC/DC power operation.

Designed and manufactured in Australia to meet stringent testing requirements - some of the tightest in the world - TnT Titan now sets its own new standard of reliability and ruggedness, and now features a 36 month conditional warranty.

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## Specifications

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

<b>Mains Supply Tests</b>	Checks polarity and continuity of mains supply by LED indicators (Active to Neutral, Active to Earth, & Neutral to Earth).
<b>Class I Tests- Eartherd Appliance</b>	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. <i>*See also: Leakage Test</i>
<b>Class II Tests - Double Insulated Appliance</b>	Appliance Check: Ensures appliance is plugged in and turned on. Insulation Test: 500VDC/250VDC. Pass level greater than 1MΩ. Measurement: 0.1Ω to 10MΩ. <i>*See also: Leakage Test</i>
<b>Extension Lead Tests</b>	Earth Bond Test: 200mA test current. Pass level Less than 1Ω. Measurement: 0.01Ω to 10.0Ωs. 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.
<b>Meter Mode®</b>	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.
<b>RCD Tests</b>	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.
<b>Leakage Tests</b>	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>
<b>Power Measurement</b>	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.
<b>Bluetooth</b>	Bluetooth Low Energy technology with inbuilt antenna, with over 50 metre range.
<b>Tablet</b>	8 inch 800 x 1280 HD screen, 4G Android tablet with 13 megapixel rear camera and 5 megapixel front camera, Qualcomm® Snapdragon™ 680 Octa-core Processor with Android 12 and docking accessories.
<b>Battery</b>	5000 mAH, 7.2V, 36WH; Charge Time Approximately 4 Hours
<b>AC Input Power</b>	110-240VAC, 50/60Hz
<b>Dimensions</b>	153 x 263 x 84mm - 1.4kg

## Models



### Contents

- TnT Titan Portable Appliance Tester
- 3 Month Trial Subscription for WinPATS Pro (Download from the Google Playstore)
- 8 inch 4G Android Tablet
- Tablet USB Charging Cable
- USB-OTG Adapter
- USB A to USB B Interface Cable
- Earth Lead with Alligator Clips (1800mm Black)
- IEC Test Lead (500mm Orange)
- IEC Power Cable
- Wavecom 16A-10A Adapter (20A Units)
- Wavecom Shoulder Strap
- 12 Month Calibration Certificate
- 3 Year Conditional Warranty
- User Manual
- Quick Start Guide
- Wavecom Carry Bag

### Accessories

• WinPATS Support Subscription	<i>In-App Purchase</i>
• 500mm Earth Strap	TnT-ES-500
• 1000mm Earth Strap	TnT-ES-X
• Figure 8 IEC C13 Adapter	WCM-8-ADPT
• Cloverleaf IEC C13 Adapter	WCM-CLOVER-ADPT
• 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
• HBC Fuse	WCM-HCB10AM205
• Test Probe Kit	WCM-Probe-Kit
• Medium Strength TT Tags	WCM-TT-TAGS-*
• Heavy Duty Tags	WCM-TM-TAGS-*
• Super Heavy Duty Tags	WCM-TA-TAGS-*



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