

Wavecom TNT 3PL

3 Phase Portable Appliance Tester



- »» 3 Phase Leakage Current Meter
- »» 3 Phase RCD Tester
- »» 3 Phase Load Tests
- »» 3 Phase Amp Meter
- »» PC Connectivity
- »» Insulation Test 250/500/1000V
- »» No Connection, No Tester (NCNT)
- »» Power Factor Meter
- »» Up to 20A Earth Bond Testing
- »» KW & VA Meter
- »» Mains Voltage & Ohm Meter

The TnT range has quickly become the benchmark of appliance testers. Offering an unbeatable combination of performance, reliability and versatility. The TnT-3PL is designed for the professional who needs a heavy duty device in a compact unit. The TnT-3PL introduces innovative 3 phase engineering to combine appliance power measurements, appliance testing (AS/NZS 3760) and RCD testing all in one convenient stylish unit.

The TnT-3PL provides the full single and 3 phase testing requirements with a load test to 20A as standard with 32 & 50A available on request. Insulation test form 250V - 1KV selectable



Appliance testing is as simple as F1, F2 & F3. Load testing and RCD testing are selected from the next menu. Simple steps prompt the user from test to test. The TnT -3PL offers very high performance as no other appliance tester on the market has as many features for this price.

By testing at high precision and speed, the TnT -#PL offers increased portability for when a high performance is needed in the workshop, in the can or for the industrial high demand user.

Designed and manufactured in Australia, the TnT-3PL complies with the AS/NZS 3760 Standard. The unit allows you to do an insulation or earth leakage test under Class I or Class II.

Simple one button testing makes this unit fast & 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 units ease of use and very smart automatic testing feature make it the best solution.

The TnT-3PL is suitable for electricians and service people who wish to simplify and save time for all their manual and automatic (via Comms port) tagging application.

CONTENTS

- TnT-3PL - 20A
- Earth Bond Lead
- IEC Plug to 3-pin Plug lead Adaptor
- RS232 to USB Adaptor
- Instruction User Manual
- Fitted in industrial Carry Case
- Flexible Keyboard
- WinPATS Lite Software



TESTS PERFORMED

Class 1 Earthed Appliance

-Appliance Check: Ensures appliance is plugged in and turned on.

-Earth Bond Test: 200mA to 25A user selectable

-Insulation Test: 250 / 500 / 1000VDC. Pass level greater than 1M ohm

or Earth Leakage Test: 240/415VAC Mains. Pass level 5.0mA leakage at up to 20A load operation.

Class 2 Double Insulated Appliance

-Appliance Check: Ensures appliance is plugged in and turned on.

-Insulation Test: 250 / 500 / 1000VDC. Pass level greater than 1M ohm

or Earth Leakage Test: 240/415VAC Mains. Pass level 5.0mA leakage at up to 20A load operation.

Extension Leads

-Earth Bond Test: 200mA to 25A current. Pass Level less than 1 ohm

-Insulation Test: 250 / 500 / 1000VDC. Pass level greater than 1M ohm

-Continuity/Polarity Test: 240/415VAC check continuity and polarity of Leads. Displays Pass/Fail

RCD Test

-Trip Current: 0 to 500mA in 1mA steps. User Selectable.

-Trip Time: 0 to 3000ms as .001sec resolution

-Current Ramp Trip Test: 0 to 500mA in 1mA Increments.

Power Measurement

-Single and 3 Phase : Volts / Amps / Power Factor / KV / KW

Mains Supply Test

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