

The ONLY comprehensive PAT and Installation
verification instrument



Key Features

- Rugged and robust
- Tests to BS7671 / EN 61577 / IEE Code of Practice
- Confirm performance
- NICEIC & IET compliant
- Colour coded for ease of use
- Compatible with all installation and PAT testers

Ideal Users

- Electricians
- Service engineers
- Electrical contractors

POWERCHECK 1557 SPECIFICATIONS

SPECIFICATIONS - INSTALLATION TEST INSTRUMENTS

Earth Continuity Verification

Test current	In >200mA indication
Test voltage	4V < Un > 24V indication
Test resistances	0.5ohm and 2ohm

Insulation Resistance Verification

Open circuit test voltage:	250V < Un < 375V indication 500V < Un < 750V indication 1000V < Un < 1500 indication
Test current	In >1mA into 1000ohm/V
Max test current	Ik <2mA
Test resistances	0.25Mohm, 0.5Mohm, 1.0Mohm

Earth Loop Verification

Test values	Loop, Loop+1ohm, Loop+180ohm
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RCD Verification

Trip current	10mA, 30mA, 100mA
Trip Times	20ms, 40ms, 500ms
Test current multiplier	1/2Δn, IΔn and 5 IΔn verification

Voltage Verification

Test Voltage	240V AC rms test output
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PAT FUNCTIONS

Earth continuity verification

Test resistances	0.2ohm and 2ohm
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Insulation Resistance verification

Test resistances	500kohm, 1Mohm and 2Mohm
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PE Conductor current

Test currents*	0.1mA, 0.25mA and 0.5mA
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Flash Test current

Test currents*	0.5mA, 1mA and 1.5mA
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ADDITIONAL INFORMATION

Power supply	230V AC ±10%
Dimensions / Weight	210mm x 145mm x 85mm / 1kg

*actual values are dependent upon mains supply voltage. Tabulated values for mains voltages of 210V to 250V are supplied with the instrument.

PowerCheck 1557 part no: 369A910



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