PrimeTest 100

Hand-held unit for testing earth continuity, insulation resistance and substitute leakage with measured test result values.





5TH EDITION

A highly useful, functional and diverse tool, the **PrimeTest 100** has three operational modes and is an easy-to-use, comprehensive unit.

Simply push the relevant buttons to run through the pre-programmed test sequences for either Class I PAT test, Class II PAT test or IEC Lead test. Connect the PrimeTest 100 to a power outlet and it will automatically check the socket wiring and mains voltage.

Its large display shows test result values, as well as a PASS or FAIL indication. Battery powered, it'll help you work quicker and more efficiently.

The PrimeTest 100 has the ability for you to set your pass/fail limit for Earth Continuity (0.1/0.2/0.3), change the test voltage for insulation resistance (250V/500V), the ability to skip the Earth continuity test if there is no exposed earthed conductive parts along as well as the ability to test Class functional earthed equipment.

The PrimeTest100 is compatable with PATMobile that enhances your experience recording test details. See **seaward.com/patmobile** for details

Why buy the PrimeTest 100?

- **Simple to use push button operation**
- **Easy-to-read display with LCD display** – shows simple pass/fail indication
- **Accurate and reliable earth continuity testing**
- **Handheld and battery powered**
- **Compatible with free PATMobile app** – enables you to log results, export your data, tag photos and print results*

Electrical Test Functions

- Mains supply check
- IEC lead test
- Earth continuity (200mA)
- Insulation resistance (250/500V)
- Alternative/substitute leakage

To see the **PrimeTest 100** for yourself, request your live online demonstration today at **seaward.com/primetest100**

SEAWARD
ELECTRICAL SAFETY TESTING & MEASURING.

T: +44 (0) 191 587 8741 **E:** sales@seaward.com

TESTED, TRUSTED... WORLDWIDE.

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Technical Specification:

Earth Continuity	
Test Current	+/- 200mA DC
Display Range	0.00 – 19.99Ω
Pass Value	0.1/0.2/0.3 Ω
Insulation Resistance	
Test Voltages	250/500VDC
Display Range	0.20 – 19.99MΩ
Pass Value	1/2MΩ
IEC Lead Test	
Tests Performed	Earth continuity Insulation resistance Live, neutral continuity and polarity
Equivalent Leakage	
Test Voltage	40V, 50Hz AC nominal
Display Range	0.1mA to 9.99mA
Pass Value	5.00mA
Power Socket test	
Input Voltage Range	230V +10%, -15% AC
Indicators	Phase to earth voltage Phase to neutral voltage Neutral to earth
General Specifications	
Dimensions	265 x 105 x 52mm (h x w x d)
Weight	800g
Power Source	6 x AA Batteries

Standard Accessories (Supplied with PrimeTest 100)

0.5m extension adaptor, Earth bond lead, 6 x AA batteries, Carry Case.



Ideal for

- Low volume testing
- Manually recorded measurements

DESIGNED & BUILT IN GREAT BRITAIN

KEEPING PEOPLE SAFE FOR OVER 35 YEARS

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Part Numbers

Optional Accessory Kits	
PATBag Bundle PrimeTest 100 tester, PATBag carrying case, 110V Adaptor, 500 Pass labels, 500 Fail labels, PAT Register PAT Online training course, Business Builder	345A925
Instrument Only	
PrimeTest 100	344A910
Optional Accessories	
PATGuard 3	400A910
110V to IEC adaptor	344A050
230 to 110V adaptor	270A076
3 Phase adaptor – 16A 4 pin 415V (for Rpe & IR)	209A910
3 Phase adaptor – 16A 5 pin 415V (for Rpe & IR)	209A911
3 Phase adaptor – 32A 4 pin 415V (for Rpe & IR)	209A912
3 Phase adaptor – 32A 5 pin 415V (for Rpe & IR)	209A913
PATCheckbox	227A910
PowerCheck 1557	369A910
1000 x Pass labels	91B038
1000 x Fail labels	91B311
250 x Barcode appliance no. labels	194A307
Rechargeable batteries and charger	339A950

Training
Seaward offer a range of PAT testing courses, including City & Guilds. Go to **seaward.com/training** for more information.

Services
1 year warranty subject to product registration with Seaward, visit **seaward.com/register**

Service and calibration by Calibration House.
Go to **calibrationhouse.com** for more information.

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Rev 4