SEAWARD

PrimeTest 100

Handheld unit for testing earth continuity, insulation resistance and substitute leakage with measured test result values

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

Unlock extra features with our free and easy-to-use mobile app, PATMobile. Available for use on both Android and iOS devices, the handy app works with the PrimeTest 100 to enable the digital input and storage of test records alongside barcode scanning, label printing* and photo tagging.

*Print label feature only available for Android devices

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

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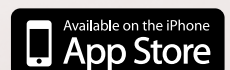- Alternative/substitute leakage

Ideal for
- Low volume testing
- Manually recorded measurements

Get more from your manual PAT tester with our free and powerful mobile app.

Scan QR code to watch video

ANDROID APP ON Google play

Available on the iPhone App Store

www.seaward.co.uk/PrimeTest100
Tel: +44 (0) 191 587 8741
Email: sales@seaward.co.uk

Optional Accessory Kits Available		Part Number
PATBag Kit	■ Online PAT testing training course with exam ■ 30 day free trial of PATGuard Elements software ■ Durable, purpose-made PATBag with compartments for all of your PAT accessories and labels ■ 110V adaptor ■ 500 pass + 500 fail labels ■ Seaward Guide to PAT Testing ■ PAT reference look-up card ■ PAT logbook ■ Quick start video guide ■ PAT Business builder CD-ROM and booklet Includes PrimeTest 100 PAT tester	345A925
PATBag Kit + PATGuard Elements software	The PATBag can optionally include PATGuard Elements manual data entry software – ideal for those who would like to keep an electronic register of assets and results including pass/fail results and retest dates.	345A926

Technical Specifications

Earth Continuity
Test Current	+/- 200mA DC
Display Range	0.00 – 19.99Ω
Pass Value	0.2Ω

Insulation Range
Test Voltages	500VDC
Display Range	0.20 – 19.99MΩ
Pass Value	2MΩ

IEC Lead Test
Tests Performed	Earth continuity Insulation resistance Live, neutral continuity and polarity

Equivalent Leakage Class I
Test Voltage	40V, 50Hz AC nominal
Display Range	0.10 – 19.99mA
Pass Value	0.75mA

Equivalent Leakage Class II
Test Voltage	40V, 50Hz AC nominal
Display Range	0.10 – 19.99mA
Pass Value	0.25mA

Power Socket Test
Input Voltage Range	230V +10% - 15% AC
Indicators	Phase to earth voltage Phase to neutral voltage Neutral earth

General Specifications

Dimensions	260 x 100 x 55mm (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

Optional Accessories
PATGuard Elements software (387A910)
Test n Tag Pro Bluetooth/Serial printer with small (52 x 25mm) labels (compatible via PATMobile app, Android version only) (339A987)
Roll of small labels (approx. 350 off 52x25mm labels) (339A947)
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)
PAT checkbox (227A910)
PowerCheck 1557 (369A910)
1000 x Pass labels (91B038)
1000 x Fail labels (91B311)
100 x Rhinotags (91B309)
250 x Barcode appliance no. labels (compatible via PATMobile app, Android version only) (194A307)
Rechargeable batteries and charger (339A950)

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

Services
1 year warranty subject to product registration with Seaward, visit **www.seaward.co.uk/register-product**

Service and calibration by Calibrationhouse.
Go to **www.calibrationhouse.com** for more information.

Part Numbers
PrimeTest 100	344A910
PrimeTest 100 PATbag kit	345A925
PrimeTest 100 PATbag kit + PATGuard Elements	345A926

Also Available in this Range
PrimeTest 50	347A910
PrimeTest 250+	403A910

www.seaward.co.uk/PrimeTest100
Tel: +44 (0) 191 587 8741
Email: sales@seaward.co.uk

Rev 2