

Experts in what we do.

# When you're PAT testing we're there with you.



# 70 years' development and innovation comes good. Introducing the world's most effective PAT testing solutions.

Seaward is a total solutions provider, in every way.

We have developed a comprehensive range of PAT testing solutions which can be used by electrical safety technicians at every level: a one-stop shop providing for every PAT testing eventuality.

Seaward PAT testers are designed to let you work with the maximum of ease and efficiency and are backed with a huge range of accessories, printers, asset management software and even training courses and guidance booklets.

And to make the process of PAT testing more efficient, Seaward testers are available either individually or as part of a handy, pick-up-and-go solution kit that promotes a more efficient way to work.

As a Seaward user, you will have access to support and resources that are second to none, including helpful literature, periodicals, guidance notes, lively forums and indispensable case studies. Our customers benefit greatly from the competitive edge our innovation gives them and feel reassured that we're just a phone call away, with hands-on help when needed.

Welcome to Seaward Total Test Solutions.

Welcome to a smarter way to PAT test.





**SEAWARD**Experts in what we do.



# **Downloadable Test Kits**

# The total solution for PAT professionals.

Our downloadable PAT test kits are at the forefront of their field.

Technologically advanced, they're designed to make PAT testing easier and more efficient.

For professional technicians, they offer a total solution,

incorporating tester, software, accessories, printers and labels.

And, of course once you've bought Seaward, the back-up and aftercare is indispensable. Seaward's range of PAT testing kits is designed to cover all eventualities and easily meets all relevant regulations and standards.

Take a look!

| Mains Supply Check Pass/Fail Indicators Earth Test Lead Null Earth Continuity (100mA) Earth Continuity (200mA) Earth Continuity (4A) Earth Continuity (4A) Earth Continuity (10A) Earth Continuity (25A) Insulation Resistance (250V) Insulation Resistance (500V) IEC Lead Test PE Conductor Current (Earth Leakage) Touch Current Alternative/Substitute Leakage Flash Test 230W/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size Soon records Graphical Coline Help Real Time Clock  I wire  4 wire 4 wire 4 wire 4 wire 4 wire 4 wire 4 wire 4 wire 4 wire 4 wire 4 wire 4 wire 4 wire  4 wire 4 wire 4 wire 4 wire 4 wire 4 wire 4 wire 4 wire 4 wire  I a limit  | FEATURE                              | Supernova<br>Elite | Europa<br>Plus | PrimeTest<br>350 |
|--|--------------------------------------|--------------------|----------------|------------------|
| Earth Test Lead Null Earth Continuity (100mA) Earth Continuity (200mA) Earth Continuity (200mA) Earth Continuity (4A) Earth Continuity (4A) Earth Continuity (25A) Insulation Resistance (250V) Insulation Resistance (500V) IEC Lead Test PE Conductor Current (Earth Leakage) Touch Current Alternative/Substitute Leakage Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Upload Graphical Cnline Help  I wire | Mains Supply Check                   |                    |                |                  |
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| Earth Continuity (200mA) Earth Continuity (4A) Earth Continuity (10A) Earth Continuity (10A) Earth Continuity (25A) Insulation Resistance (250V) Insulation Resistance (500V) IEC Lead Test PE Conductor Current (Earth Leakage) Touch Current Alternative/Substitute Leakage Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Upload Graphical Colline Help  Insulation (All (10A) Insulation (10A) I | Earth Test Lead Null                 | 4 wire             | 4 wire         |                  |
| Earth Continuity (4A) Earth Continuity (10A) Earth Continuity (25A) Insulation Resistance (250V) Insulation Resistance (500V) IEC Lead Test PE Conductor Current (Earth Leakage) Touch Current Alternative/Substitute Leakage Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Upload Graphical Online Help  Image Im | Earth Continuity (100mA)             |                    |                |                  |
| Earth Continuity (10A) Earth Continuity (25A) Insulation Resistance (250V) Insulation Resistance (500V) IEC Lead Test PE Conductor Current (Earth Leakage) Touch Current Alternative/Substitute Leakage Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Upload Graphical Online Help  IEC Lead Test III In  | Earth Continuity (200mA)             |                    |                |                  |
| Earth Continuity (16/y) Insulation Resistance (250V) Insulation Resistance (500V) IEC Lead Test PE Conductor Current (Earth Leakage) Touch Current Alternative/Substitute Leakage Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Colline Help  | Earth Continuity (4A)                |                    |                |                  |
| Insulation Resistance (250V) Insulation Resistance (500V) IEC Lead Test PE Conductor Current (Earth Leakage) Touch Current Alternative/Substitute Leakage Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  I I I I I I I I I I I I I I I I I I I  | Earth Continuity (10A)               |                    |                |                  |
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| IEC Lead Test PE Conductor Current (Earth Leakage) Touch Current Alternative/Substitute Leakage Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Coline Help  I I I I I I I I I I I I I I I I I I I  | Insulation Resistance (250V)         |                    |                |                  |
| PE Conductor Current (Earth Leakage) Touch Current Alternative/Substitute Leakage Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  I I I I I I I I I I I I I I I I I I I  | Insulation Resistance (500V)         |                    |                |                  |
| Touch Current Alternative/Substitute Leakage Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  I I I I I I I I I I I I I I I I I I I   | IEC Lead Test                        |                    |                |                  |
| Alternative/Substitute Leakage Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  I I I I I I I I I I I I I I I I I I I   | PE Conductor Current (Earth Leakage) |                    |                |                  |
| Flash Test 230V/110V INPUT/OUTPUT Earth Loop Test RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  I  | Touch Current                        |                    |                |                  |
| 230V/110V INPUT/OUTPUT  Earth Loop Test  RCD Test  Graphical LCD  Back Light  Keyboard  Barcode Scanner Input  Test n Tag  Bluetooth (Wireless)  Handheld  Battery Powered  Rechargeable Batteries  Weight  Auto Testing  User Tests for Non Electrical Assets  Programmable Pass/Fail Limits  PE Resistance Limit Calculator  Memory Size  PC Download  PC Upload  Graphical Online Help  I I I I I I I I I I I I I I I I I I I   | Alternative/Substitute Leakage       |                    |                |                  |
| Earth Loop Test  RCD Test  Graphical LCD  Back Light  Keyboard  Barcode Scanner Input  Test n Tag  Bluetooth (Wireless)  Handheld  Battery Powered  Rechargeable Batteries  Weight  Auto Testing  User Tests for Non Electrical Assets  Programmable Pass/Fail Limits  PE Resistance Limit Calculator  Memory Size  PC Download  PC Upload  Graphical Online Help  I I I I I I I I I I I I I I I I I I I   | Flash Test                           |                    |                |                  |
| RCD Test Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  I I I I I I I I I I I I I I I I I I I  | 230V/110V INPUT/OUTPUT               |                    |                |                  |
| Graphical LCD Back Light Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  I I I I I I I I I I I I I I I I I I I   | Earth Loop Test                      |                    |                |                  |
| Back Light  Keyboard  Barcode Scanner Input  Test n Tag  Bluetooth (Wireless)  Handheld  Battery Powered  Rechargeable Batteries  Weight  Auto Testing  User Tests for Non Electrical Assets  Programmable Pass/Fail Limits  PE Resistance Limit Calculator  Memory Size  PC Download  PC Upload  Graphical Online Help  IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII   | RCD Test                             |                    |                |                  |
| Keyboard Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  I I I I I I I I I I I I I I I I I I I  | Graphical LCD                        |                    |                |                  |
| Barcode Scanner Input Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  I I I I I I I I I I I I I I I I I I I   | Back Light                           |                    |                |                  |
| Test n Tag Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  | Keyboard                             |                    |                |                  |
| Bluetooth (Wireless) Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  Battery Powered 9.5kg 3.5kg 1.0kg 1.0kg 4.0kg 4.0k | Barcode Scanner Input                |                    |                |                  |
| Handheld Battery Powered Rechargeable Batteries Weight Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  | Test n Tag                           |                    |                |                  |
| Battery Powered Rechargeable Batteries Weight 9.5kg 3.5kg 1.0kg Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size 5000 records PC Download PC Upload Graphical Online Help  | Bluetooth (Wireless)                 |                    |                |                  |
| Rechargeable Batteries  Weight 9.5kg 3.5kg 1.0kg Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  | Handheld                             |                    |                |                  |
| Weight 9.5kg 3.5kg 1.0kg Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size 5000 records PC Download PC Upload Graphical Online Help   | Battery Powered                      |                    |                |                  |
| Auto Testing User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help   | Rechargeable Batteries               |                    |                |                  |
| User Tests for Non Electrical Assets Programmable Pass/Fail Limits PE Resistance Limit Calculator Memory Size PC Download PC Upload Graphical Online Help  | Weight                               | 9.5kg              | 3.5kg          | 1.0kg            |
| Programmable Pass/Fail Limits  PE Resistance Limit Calculator  Memory Size  C Download  PC Upload  Graphical Online Help  Selection of the pass/Fail Limits  Formula in the pass/Fail Limits  Formula  | Auto Testing                         |                    |                |                  |
| PE Resistance Limit Calculator  Memory Size  5000 records  5000 records  8000 records  PC Download  PC Upload  Graphical Online Help   | User Tests for Non Electrical Assets |                    |                |                  |
| Memory Size5000 records5000 records8000 recordsPC DownloadImage: Control of the point of th   | Programmable Pass/Fail Limits        |                    |                |                  |
| PC Download PC Upload Graphical Online Help  | PE Resistance Limit Calculator       |                    |                |                  |
| PC Upload  | Memory Size                          | 5000 records       | 5000 records   | 8000 records     |
| Graphical Online Help  | PC Download                          |                    |                |                  |
|  | PC Upload                            |                    |                |                  |
| Real Time Clock  | Graphical Online Help                |                    |                |                  |
|  | Real Time Clock                      |                    |                |                  |



**SEAWARD** Experts in what we do.



### **Supernova Elite Advanced PATSolutions Package** Carry out any test with this dual voltage PAT with flash test and

memory for results storage.

The rugged Supernova Elite is a comprehensive tester. It does anything you need, including flash tests, RCD trip time testing and it has dual voltage capability.

### Kit Contents (323A910)

- Supernova Elite
- PATGuard Elite 2 software
- PATGuard support contract
- Connectors
- Test n Tag printer
- Barcode scanner
- Calibration certificate
- Guide to PAT Testing



**Europa Plus Advanced PATSolutions Package** The portable PAT tester with a big memory.

This tester tests any appliance and even performs in-situ earth bond and touch current tests while the tested equipment remains plugged in - saving even more time.

### Kit Contents (324A910)

- Europa Plus
- PATGuard support contract
- Test n Tag printer
- Connectors
- Barcode scanner
- Tester case
- Calibration certificate

PrimeTest 350 Advanced **PATSolutions Package** 

The must-have tester for PAT professionals.

The 350 speeds up testing, with wireless communication and batteries that charge in the unit. It does everything you need to meet the IEE code of practice revisions.

### Kit Contents (345A913)

- PrimeTest 350
- PATGuard Elite 2 software
- PATGuard support contract
- Carrying case
- Test n Tag Elite printer
- Bluetooth Laser scanner
- PAT CheckBox
- Battery charger
- Test lead and adaptors
- Guide to PAT Testing



**Printer Labels and Cartridges** 

Professional test labels.

Our range of printer labels are a professional and efficient solution to the demands of everyday appliance testing - for use with our range of printers.

#### Downloadable Labels

- Test n Tag Elite labels (x 180) (339A041)
- Test n Tag label cartridges (black/yellow) (308A914)
- Test n Tag label cartridges (black/white) (342A912)
- Desk Test n Tag labels (white x 1000) (312A951)
- Desk Test n Tag labels (orange x 1000) (312A954)
- Desk Test n Tag labels (yellow x 1000) (312A956)
- Desk Test n Tag labels (blue x 1000) (312A957)
- Desk Test n Tag labels (red x 1000) (312A961)
- Desk Test n Tag ribbon (312A952)
- Supernova/Europa thermal printer rolls (x 5) (283A964)
- Bluetooth thermal printer rolls (x 5) (339A310)

- PATGuard Elite 2 software

- Guide to PAT Testing

Kit also available as separates Kit also available without software

### Ideal users:

Construction industry, Manufacturers, Hire companies, Universities, Colleges

Kit also available as separates Kit also available without software

### Ideal users:

Universities, Colleges, Electrical Contractors, Facility Management

Kit also available as separates Kit also available without software

### Ideal users:

Universities, Colleges, Electrical Contractors, Facility Management

# **Manual Test Kits**

# All-in-one, pick-up-and-go PATBags for manual recording.

Seaward's manual PATBags contain everything needed to perform safety tests with total accuracy and speed. Each is brimming with high quality accessories, software, training, guides and invaluable resource material. The bag itself is handy too, featuring helpful pockets for tools and labels.

Uncompromising on features and simple to use, the range features three models. The PrimeTest 50 and 100 are testers suitable for simple testing regimes where a pass/fail mechanism and a measured value are required for manual record-keeping. For those with more demanding test requirements, the PrimeTest 250 is built for easy use but has test features which

are second to none. It includes the same 3 phase and RCD testing features as any of the most advanced,

it doesn't record test results.

Each of these PAT testers is available as part of Seaward's new, all-inclusive PATBag kits, or can be purchased

separately.

| FEATURE                              | PrimeTest<br>50 | PrimeTest<br>100 | PrimeTest<br>250 |
|--------------------------------------|-----------------|------------------|------------------|
| Mains Supply Check                   |                 |                  |                  |
| Pass/Fail Indicators                 |                 |                  |                  |
| Earth Continuity (200mA)             |                 |                  |                  |
| Insulation Resistance (250V)         |                 |                  |                  |
| Insulation Resistance (500V)         |                 |                  |                  |
| IEC Lead Test                        |                 |                  |                  |
| PE Conductor Current (Earth Leakage) |                 |                  |                  |
| Touch Current                        |                 |                  |                  |
| Alternative/Substitute Leakage       |                 |                  |                  |
| 3 Phase Leakage                      |                 |                  |                  |
| RCD Test                             |                 |                  |                  |
| Custom LCD                           |                 |                  |                  |
| Handheld                             |                 |                  |                  |
| Battery Powered                      |                 |                  |                  |
| Rechargeable Batteries               | Optional        | Optional         | Optional         |
| Weight                               | 1.0kg           | 1.0kg            | 1.0kg            |
| Auto Testing                         |                 |                  |                  |
| Programmable Pass/Fail Limits        |                 |                  |                  |





**SEAWARD**Experts in what we do.



### PrimeTest 50 PATBag A simple-to-use handheld

A simple-to-use handheld safety checker with Pass/Fail indicator.

Light, rugged and portable, the PrimeTest 50 has a simpler range of tests than some of its Seaward cousins. Just choose the test you need. The easy-to-read display will give pass or fail test results. PATGuard Elements software is available as part of the PrimeTest 50 PATBag.

### Kit Contents (345A930)

- PrimeTest 50
- PATGuard Elements software
- Durable, purpose-made PATBag
- 110V adaptor
- Training DVD
- Guide to PAT Testing
- Reference card
- Business Builder CD
- PAT log book
- 500 pass & 500 fail labels

Kit also available as separates Kit also available without software

### Ideal users:

Guesthouses / B&B's, Landlords



### PrimeTest 100 PATBag

A simple-to-use handheld safety checker with actual test readings.

The PrimeTest 100 is an extremely easy-to-use PAT tester. Like the PrimeTest 50, it performs Class I, Class II or IEC lead tests at the press of a button - then it offers a measured value test result which can be recorded using PATGuard Elements software (included in the PrimeTest 100 PATBag).

### Kit Contents (345A926)

- PrimeTest 100
- PATGuard Elements software
- Durable, purpose-made PATBag
- 110V adaptor
- Training DVD
- Guide to PAT Testing
- Reference card
- Business Builder CD
- PAT log book
- 500 pass & 500 fail labels

Kit also available as separates Kit also available without software

### Ideal users:

Maintenance staff, Care homes Schools & Colleges, Leisure industry



### PrimeTest 250 PATBag

Easy-to-use. Tackles every job, fast - even 3 phase testing.

Hand-held, portable and battery powered, with advanced features but simple-to-use. The lightweight 250 carries out all electrical safety tests required by the IEE Code of Practice. PATGuard Elements software is also available as part of the PrimeTest 250 PATBag.



### Pass/Fail Labels

Long lasting, endurable test labels.

Our range of durable, high quality labels are perfect for our manual testers and allow for clear test identification.

### Kit Contents (345A928)

- PrimeTest 250
- PATGuard Elements software
- Durable, purpose-made PATBag
- 110V adaptor
- Training DVD
- Guide to PAT Testing
- Reference card
- Business Builder CD
- PAT log book
- 500 pass & 500 fail labels

Kit also available as separates Kit also available without software



### Rhinotags

Virtually indestructable and ideal for use in demanding environments. Supplied in a resealable blister pack with an indelible pen.

### Manual Labels

- Rhinotags (x 100) (91B309)
- Pass labels (x 500) (91B038)
- Fail labels (x 500) (91B311)
- Barcode test code labels (x 240) (194A308)
- Barcode appliance No. labels (x 250) (194A307)

### Ideal users:

Electrical Contractors, Facilities Managers & Maintenance staff, Schools & Colleges, Leisure industry, Hotels

# **PAT Testing Software**

# A vital part of the PAT testing process.

In any test regime, using the correct PAT software is of huge importance. Some of our testers are designed for those who prefer recording results manually. Others offer automatic connectivity to record-keeping software, making it easy and efficient. Our software packages allow for complete traceability and give you the ability to put test information onto a PC or laptop directly, via download and wireless information transfer.

With Seaward, you can choose from a range of PATGuard software that meets all the requirements of all types of PAT regimes: from manual testing and record keeping (by an in-house

tester working in a care home, for example), through to sophisticated, professional testing for the most specialised testing assignments (where results are stored in large databases).

In addition, a PATGuard support contract is available which ensures you receive quality, technical support when using your PATGuard software.

As always, Seaward's experience and understanding of the tasks PAT technicians face means that the software we make is not only easier to use, but also more intuitive and faster. All part of our total solution.







### PATGuard Software Compatability Chart

| SOFTWARE                          | PrimeTest<br>50 | PrimeTest<br>100 | PrimeTest 250 | PrimeTest<br>350 | Europa<br>Plus | Supernova<br>Elite |
|-----------------------------------|-----------------|------------------|---------------|------------------|----------------|--------------------|
| PATGuard Elements (387A910)       |                 |                  |               | •                |                | •                  |
| PATGuard Lite 2 (352A930)         |                 |                  |               | •                | •              | •                  |
| PATGuard Pro 2 (352A920)          |                 |                  |               |                  |                |                    |
| PATGuard Elite 2 (352A910)        |                 |                  |               |                  |                |                    |
| PATGuard Elite SQL 2 (352A950)    |                 |                  | •             |                  |                |                    |
| PATGuard Time Manager 2 (334A910) |                 |                  |               | <b>-</b>         |                |                    |

### PATGuard Software Specification Chart

| FEATURE   | PATGuard<br>Elements | PATGuard<br>Lite 2 | PATGuard<br>Pro 2 | PATGuard<br>Elite 2 | PATGuard<br>Elite SQL |
|---|----------------------|--------------------|-------------------|---------------------|-----------------------|
| Rapid manual data entry                               |                      |                    |                   |                     |                       |
| Manual data entry                                     |                      |                    | •                 | •                   |                       |
| Microsoft SQL server 2005/2008 compatible             |                      |                    |                   |                     |                       |
| Oracle 10g Compatible                                 |                      |                    |                   |                     |                       |
| Multi-user simultaneous access to database            |                      |                    |                   |                     | •                     |
| Safety First Express import                           |                      |                    | •                 | •                   | •                     |
| Preview & correct download before processing          |                      |                    | •                 | •                   | •                     |
| Automatic email safety alerts                         |                      |                    |                   | •                   | •                     |
| Automatic re-test scheduling                          |                      |                    |                   | •                   | •                     |
| Create a view only PATGuard for clients               |                      |                    |                   | •                   | •                     |
| Upload sites, locations, asset IDs and test sequences |                      |                    |                   | •                   | •                     |
| Download compatible with large range of testers       |                      | •                  | •                 | •                   | •                     |
| Repair logging  | •                    |                    | •                 | •                   | •                     |
| Range of comprehensive test reports                   |                      |                    |                   | •                   | •                     |
| Range of test reports                                 |                      |                    |                   |                     |                       |
| Full test history per asset record                    | •                    |                    | •                 | •                   | •                     |
| Clear re-test identification                          | •                    |                    | •                 | •                   |                       |
| Tester update program                                 |                      | •                  |                   | •                   |                       |
| Test n Tag logo transfer                              |                      | •                  | •                 | •                   | •                     |
| Windows-based test record database                    | •                    | •                  | •                 | •                   | •                     |
| Invoice generator                                     | •                    |                    |                   |                     |                       |
| Test certificate report                               | •                    | •                  | •                 | •                   | •                     |
| Set-up wizard   | •                    | •                  | •                 | •                   |                       |
| Create test programs for different test situations    |                      |                    |                   | •                   | •                     |
| Compatible with PATGuard Work About 2                 |                      | •                  | •                 | •                   |                       |

# **Printers and Labelling**

# Smart technology. Easy-to-use and small. Makes your job easier.

Seaward supply some of the most technologically advanced label printers in the world. They're tough, portable and a joy to use. And they all download test results directly from the tester, allowing results to be transferred from the tester to label in a matter of seconds. We also supply a range of tough, versatile labels that are compatible with every one of our printers.







Test n Tag Kit

This unique system is one of the quickest, hassle free and portable PAT labelling systems around. The Test n Tag Kit comes with a printer, label cartridge, barcode scanner and carry case.

Use with all downloadable Seaward PAT testers for a completely automated PAT labelling process.

Printer and label cartridges are also available separately.

■ Test n Tag printer (308A924)

### Compatible Labels

- Test n Tag label cartridges (black/yellow) (308A914)
- Test n Tag label cartridges (black/white) (342A912)







### Test n Tag Elite (339A970)

Handy and hard wearing. This ultra-portable printer is made from impact-modified polycarbonate and fused oil, and has an abrasion resistant rubber overmould (six foot drop protection). Featuring smart battery management to monitor battery for longer life and performance. Labels are tamperproof, waterproof and professionally printed with your logo and barcode. Compatible

### Compatible Labels Compatible Labels

■ Test n Tag Elite labels (x 180) (339A041)

with PrimeTest 350 PAT tester.



Prints professional tags that won't tear, fade and are tamperproof.
Comes with a roll of tags, printer ribbon and PC software disc.
Compatible with Supernova Elite and Europa Plus.



### Bluetooth Thermal Results Printer

(339A930)

Suitable for use with the PrimeTest 350. With Bluetooth technology, it transfers test results directly from tester to printer, allowing a test result record to be printed immediately, either to leave with your client or for your own reference records. Can also print results labels.



### Supernova/Europa Thermal Results Printer

(283A954)

Ideal for use with the Supernova Elite and Europa Plus printers, this battery-operated and lightweight thermal printer is perfect for printing test results either to leave with your client or for your own reference and records.

### Compatible Labels

■ Bluetooth Thermal label roll (x 5) (339A310)

### Compatible Labels

■ Supernova/Europa Thermal Printer label roll (x 5) (283A964)

### Compatible Labe

- Desk Test n Tag labels (white x 1000) (312A951)
- Desk Test n Tag labels (orange x 1000) (312A954)
- Desk Test n Tag labels (yellow x 1000) (312A956) Desk Test n Tag labels (blue x 1000) (312A957)
- Desk Test n Tag labels (red x 1000) (312A961)
- Desk Test n Tag ribbon (312A952)

# Accessories

# The most comprehensive range of accessories available.

Seaward's comprehensive range of accessories is designed to complete the PAT testing process and is yet another demonstration of our total solution in action.

We know every job is different. We've listened to the people we've worked alongside and brought their insights back to our

R&D department. We have designed a range of accessories which cover off all eventualities and environments. It all makes the job easier and more efficient.





**SEAWARD** Experts in what we do.







**Adaptors** 

Our range of adaptors enable additional functionality to many of

our testers.

NTB-1 RCD isolator (372A953)

Use with any RCD tester to prevent tripping the main RCD.

3 Phase leakage adaptor (391A910)

Enables leakage testing on 3 phase machinery, plant and equipment with the PrimeTest 250.

- **230/110V** adaptor (270A076)
- 110/230V adaptor (281A075)
- 3 Phase adaptors (Delta 4 pin 16A) (209A910)
- 3 phase adaptors (Star 5 pin 16A) (209A911)
- 3 Phase adaptors (Delta 4 pin 32A) (209A912)
- 3 Phase adaptors (Star 5 pin 32A) (209A913)
- USB / serial adaptor (356A950)
- CCD scanner adaptor (339A960)

### **Verification Units**

Our verification units allow performance checks to be carried out on test equipment to ensure accurate measurement between calibration intervals

- PAT Checkbox (227A910) A safe, simple and quick means of checking the calibration of PAT testers to ensure accurate testing.
- PowerCheck 1557 (369A910) The only comprehensive PAT and installation instrument verification tool in one rugged, drop proof enclosure.

Our Test n Tag accessories allow for wireless connectivity between your tester and printer.

**Test n Tag Accessories** 

- Test n Tag Printer Adaptor (K3000) (342A910) Allows your K3000 Test n Tag printer to be used with the PrimeTest 350.
- Test n Tag Printer Adaptor (K3100/K3110) (342A914) Allows your K3100 / K3110 Test n Tag printer to be used with the PrimeTest 350.

- Speed up the test process with barcode label scanners for rapid entry of appliance number test code and asset details.
- Bluetooth Scanner (339A923) A portable ID laser scanner with Bluetooth interface.
- **CCD Scanner** (194A922) Lets you input and access asset information quickly. This scanner connects directly with the tester.
- Bluetooth CCD Scanner **Adaptor** (339A960) Turn your Seaward Electronic CCD scanner into a Bluetooth ready tool with this simple adaptor.

### **Accessories**

# The most comprehensive range of accessories available.



We are always looking for ways to

On the move

Brain Cells are a revolutionary method of storing information. They allow a large amount of data to be stored, read and updated by the PAT tester. Our batteries and battery charger allow for quick and easy battery charging for use with Seaward battery powered test instruments. Our range of leads enable additional functionality to many of our testers.

ionality to many of simplify the process while you're on the move and our handy accessories below can help.

- Braincells Read/Write Reader (288A910)
- Braincells Self Adhesive Tag (50) (288A953)
- Braincells Cable-Tie Tag (50) (288A954)
- NIMH batteries & battery charger (339A950)

Recharge anywhere between 2 and 8 NiMH or NiCd batteries at a time. Included are high quality NiMH batteries for use with any Seaward battery-powered tester.

Seaward PT-01 NiMH battery charger (356A003) A replacement battery charger for the PrimeTest 350, which allows the batteries to be charged while still in the tester.

- USB / serial port adaptor (356A950)
- Supernova parallel printer lead (283A953)
- Supernova / Europa serial printer lead (283A955)
- Thermal printer lead (283A960)
- Supernova dual serial port Adaptor (283A972)
- Supernova / Europa PC downloadlead 9-9 way (194A919)
- Supernova / Europa PC download lead 9-25 way (194A920)
- Supernova / Europa earth test lead (249A908)
- Primetest lead fixed crocodile clip (347A002)
- Primetest probe with detachable clip (305A950)
- Supernova Elite flash probe (44B101)

#### Carry cases

Our useful carry cases are a secure and handy way to transport our testers.

- Europa Series carry case (270A951)
- Supernova Elite carry case (298A950)

Portable Appliance Register and Test Record (998A223) A handy A5 booklet which allows a handwritten record for 3 sets of test results for up to 210 appliances.

### Modem Kit (283A969)

Allows PAT test results to be transferred from the field to a remote PC running a suitable terminal program in a matter of minutes.





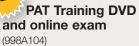
### **Accessory Compatability Chart**

| ACCESSORY  | PrimeTest 50 | PrimeTest<br>100 | PrimeTest 250 | PrimeTest<br>350 | Europa<br>Plus | Supernova<br>Elite |
|--|--------------|------------------|---------------|------------------|----------------|--------------------|
| NTB-1 RCD Isolator Adaptor (372A953)                         |              |                  |               |                  |                |                    |
| PAT Checkbox (227A910)                                       | •            | •                | •             |                  | •              |                    |
| 3 Phase Adaptor (leakage and earth continuity) (391A910)     |              |                  |               |                  |                |                    |
| PowerCheck 1557 (369A910)                                    |              |                  |               |                  |                |                    |
| Test n Tag Printer Adaptor (K3000) (342A910)                 |              |                  |               |                  | •              |                    |
| Test n Tag Printer Adaptor (K3100/K3110) (342A914)           |              |                  |               |                  |                |                    |
| Bluetooth Scanner (339A923)                                  |              |                  |               |                  |                |                    |
| CCD Scanner (194A922)  |              |                  |               |                  | •              |                    |
| Bluetooth CCD Scanner Adaptor (339A960)                      |              |                  |               |                  | •              |                    |
| Braincells Read/Write Reader (288A910)                       |              |                  |               |                  | •              |                    |
| Braincells Self Adhesive Tag (50) (288A953)                  |              |                  |               |                  | •              |                    |
| Braincells Cable-Tie Tag (50) (288A954)                      |              |                  |               |                  | •              |                    |
| 230/110V Adaptor (270A076)                                   |              |                  |               |                  | •              |                    |
| 110/230V Adaptor (281A075)                                   |              |                  |               |                  |                |                    |
| 3 Phase Adaptors (Delta 4 pin 16A) (209A910)                 |              |                  |               |                  | •              |                    |
| 3 Phase Adaptors (Star 5 pin 16A) (209A911)                  |              |                  |               |                  |                |                    |
| 3 Phase Adaptors (Delta 4 pin 32A) (209A912)                 | •            | •                | •             |                  | •              |                    |
| 3 Phase Adaptors (Star 5 pin 32A) (209A913)                  |              |                  |               |                  | •              |                    |
| Europa Series Carry Case (270A951)                           |              |                  |               |                  | •              |                    |
| Modem Kit (283A969)  |              |                  |               |                  | •              | •                  |
| Supernova Elite Carry Case (298A950)                         |              |                  |               |                  |                | •                  |
| Test n Tag Kit (308A915)                                     |              |                  |               |                  | •              |                    |
| NIMH Batteries & Battery Charger (PrimeTest 300) (339A950)   |              |                  |               | •                |                |                    |
| PrimeTest 350 Batteries and Battery Charger (356A954)        |              |                  |               | •                |                |                    |
| USB/Serial Adaptor (356A950)                                 |              |                  |               |                  |                |                    |
| Bluetooth/RS232 Adaptor (for use with CCD scanner) (339A960) |              |                  |               |                  |                |                    |
| Portable Appliance Register & Test Record (998A223)          |              |                  |               |                  | •              |                    |

# Training, Resources & Servicing

We are here to help.





This new DVD features full-length demonstrations and detailed animations explaining PAT testing principles, electrical safety tests, legislation and code of practice. The DVD also includes a FAQ's section, answering commonly-asked questions. An online exam and a personalised, printable certificate showing you've passed are included.

The DVD divides into interactive chapters so you can navigate from section to section until you've understood each subject fully and you're ready for the exam.



**Web Forums** 

Go to www.seaward.co.uk and you'll find some very busy and helpful forums. Ask a question about a particular aspect of the Seaward test equipment you're using (or even a more general electrical safety query) and you'll receive helpful advice from a number of fellow users, as well as expert Seaward technical staff. It's amazing how much useful information is just a mouse-click away!



**Publications** 

We produce a number of useful publications for the PAT testing industry to help and advise both PAT testers and their customers.

### Current Knowledge

Technical articles, industry news and events. Available at www.current-knowledge.com

- Seaward Guide to PAT Testing Guidance for carrying out PAT testing.
- Seaward Common Sense
   Approach to Electrical Safety in the Workplace

Helps make sense of your PAT testing obligations. Ideal for those responsible for electrical safety in their organisation.

### Seaward PAT Educational Posters

Guidance posters for PAT testing. (17th Edition posters also available).



Tech Support

You can get Seaward technical support in a number of ways. Through our Knowledge Base, (FAQs) at www.seaward.co.uk/ knowledgebase/

Please try to find your answer here first.

Our Application Notes (www.seaward.co.uk/downloads. asp) provide answers to your more detailed questions about operating Seaward PATs, Installation testing, EMC and LVD. Or try our forum!

Or from our Tech Support Line, call 0191 587 8718 or email support@seaward.co.uk

### PATGuard Support Contract (296A917)

This contract ensures you recieve quality, technical support when using your PATGuard software.
Call us for more information on 0191 586 3511.



SEAWARD

Experts in what we do.









### Calibration

Consistent, effective and reliable test instrument operation is especially important. Our highly-trained service and calibration team have vast experience and expertise and regular re-calibration of your equipment will give you total peace of mind. Most equipment can be calibrated on-site, or returned to base for turn round within 5-7 days from receipt and payment confirmation or purchase order (account customers only).

For details please contact: On-site onsite@seaward.co.uk or call 0191 587 8706

Calibration calibration@seaward.co.uk or call 0191 587 8736

#### Repairs

Repairs to your Seaward equipment are carried out by highly trained engineers with the experience and expertise to repair a vast range of test equipment. We use the latest diagnostic tools to isolate your problem and solve it to the highest of standards.

### **Spare Parts**

Our service department provides strong product support to customers who carry out their own maintenance on their test equipment.

We stock an extensive range of spare parts. Please call us for part numbers, price and availability and we will be happy to help.

The numbers to call are 0191 587 8737 or 0191 587 8739, or you can email service@seaward.co.uk

### Service Contracts and Extended Warranty

We offer a variety of fixed-price contracts. These range from an annual calibration-only contract to a completely inclusive one which incorporates all repairs and servicing.

### Our Annual Calibration Contract

This contract will help you identify any faults with your equipment. It includes all readings and adjustments, it increases the life of your equipment and improves efficiency.

### **Extended Warranty**

This contract covers all standard repairs. It includes a yearly calibration and allows you to budget the service and calibration costs of your equipment.

If you'd like more infomation about our service contracts or extended warranty, please contact service@seaward.co.uk or call 0191 587 8737 or 0191 587 8739.









### Where to buy Seaward **PAT testing solutions**

For you local distributor contact the Seaward office on 0191 587 8708 or 0191 587 8744



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1-877-742-TEST (8378) Fax: (732) 222-7088 salesteam@Tequipment.NET