

# Apollo 600



## A new era in risk-based portable appliance testing and health & safety management.

Apollo 600 revolutionises safety management.

With built-in risk assessment tools for any workplace hazard and a variety of testing and inspection reports including portable appliance testing, fire detection and emergency lighting; Apollo 600 offers an all-in-one solution to managing a risk-based approach to health and safety in any workplace, reducing the burden and ensuring compliance.

For complete traceability of results, including proof of visual inspection, Apollo 600 features an on-board camera, allowing photographs to be stored alongside risk assessments and other test and inspection data.

Keep comprehensive client records including test and inspection reports, risk assessments and visual evidence with the help of Seaward's PATGuard 3 software.

### Key Features

- High definition colour display
- On board colour camera with flash
- Store 2000 images
- Store 50,000 appliance records
- Remote data transfer from field to office
- Bluetooth and USB connectivity
- Built in universal and electrical risk assessment tools
- User configurable tests – for non-electrical tests and inspections e.g. fire extinguishers and PPE
- Additional health & safety certificates with ability to update with more

### Electrical Test Functions

- Low current earth continuity test guaranteeing accurate measurement
- Insulation resistance
- IEC lead test
- Protective conductor current
- Touch current
- Load power/current
- Alternative leakage current
- Point to point testing for fixed appliances
- RCD test
- Power socket test

### Apollo 600 Users

- Dutyholders
- Health and Safety Managers
- Health & Safety Contractors
- Professional PAT Testers
- Electrical Contractors
- Facilities Managers
- Risk Assessment Professionals
- Operations Managers



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### ► Visual evidence for full traceability

Apollo 600 has a built-in digital camera enabling images taken during visual inspections and risk assessments to be tagged against records in PATGuard 3 software as evidence - making for the most comprehensive and traceable record-keeping system on the market today.



### ► Risk-based PAT testing

Apollo 600 follows in the footsteps of Seaward's long line of trusted PAT testers, offering a comprehensive suite of fast and accurate electrical safety tests to enable any workplace appliance to be tested, including 3 phase equipment and residual current devices (RCDs). Apollo 600 also enables point to point testing of fixed appliances as required by the 4th edition of the IET Code of Practice for In-Service Inspection and Testing of Electrical Equipment.

In addition to its electrical test features, Apollo 600 has a built in electrical risk assessment tool which can be used to easily determine a risk-based suggested retest period as required by the IET 4th Edition Code of Practice for In-service Inspection and Testing.

### ► Total health and safety management

Apollo 600 features a built-in universal risk assessment tool allowing hazards to be recorded, risk scores to be calculated and corrective actions to be planned and documented easily.

For those who have responsibility for health and safety inspections outside of portable appliance testing, Apollo 600 also hosts a range of onboard reports for fire detection and emergency lighting, and it's upgradeable to include more - making it an all-in-one solution for the future of health and safety management.





### ► Superb software for total traceability

Apollo 600 has a large internal memory capable of storing 50,000 records and an additional 2,000 images. Its compatibility with Seaward's PATGuard 3 Health and Safety Edition software means that complete test records including images can be easily managed on a PC.

Easily transfer data to a PC remotely using Apollo 600's Bluetooth function and a compatible mobile phone or tablet; or download results onto a USB flash drive. Alternatively, transfer data directly to PC via Bluetooth or USB when back at the office. Once downloaded to PATGuard 3, it is easy to keep track of the history of test and inspection and produce reports, certificates and invoices – offering total peace of mind and quicker, easier management of scheduling inspections and tests.

### ► Greater efficiency through useful accessories

As with many Seaward PAT testers, Apollo 600 is compatible with a range of printers and barcode scanners, further speeding up the process of asset recognition and labelling.

Save time by uploading previously tested asset details into Apollo 600 using PATGuard 3 software - then simply scan the barcodes of assets as you go, Apollo 600 will automatically select the required test sequence appropriate to the scanned asset.



### ► Accessory Bundles

The Apollo 600 is available to buy with a selection of optional accessory bundles to help you get the most out of your tester.

Apollo 600 is supplied as standard with a UKAS calibration certificate.

| Optional accessory Bundles available: |                                                                                                                                                                                                                                        | Part Number  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>Elite Bundle</b>                   | <ul style="list-style-type: none"> <li>Test n Tag Elite rugged portable printer</li> <li>Test n Tag printer label rolls x 4</li> <li>Bluetooth barcode scanner</li> <li>Apollo kit carry case</li> </ul> Includes Apollo 600 tester    | 380A950 (UK) |
| <b>Elite Bundle + Software</b>        | PLUS PATGuard 3 Elite software 1yr license<br>Includes Apollo 600 tester                                                                                                                                                               | 380A961 (UK) |
| <b>Pro Bundle</b>                     | <ul style="list-style-type: none"> <li>Test n Tag Pro lightweight portable printer</li> <li>Test n Tag printer label rolls x 4</li> <li>Bluetooth barcode scanner</li> <li>Apollo kit carry case</li> </ul> Includes Apollo 600 tester | 380A963 (UK) |
| <b>Pro Bundle + Software</b>          | PLUS PATGuard 3 Elite software 1yr license<br>Includes Apollo 600 tester                                                                                                                                                               | 380A965 (UK) |

## Also available in this range:

### Apollo 500 Plug & Play PAT Tester



The new Apollo 500, a great value 'plug and play' PAT tester with a comprehensive range of tests and advanced data transfer and storage features. Apollo 500 offers fast and efficient electrical safety testing with secure and complete data management.

## Technical Specifications

### Earth Continuity

Test Current: +/- 200mA DC  
 Display Range: 0.01 – 19.99Ω  
 Pass Value: User Defined

### Insulation Resistance

Test Voltage: 500V / 250V DC @ 1mA nominal  
 Display Range: 0.01MΩ – 19.99MΩ  
 Pass Value: User Defined

### IEC Lead Test

Test voltage: 5V ac nominal  
 Test: Live / Neutral Checks for o/c, s/c and crossed

### Protective Conductor Current/Load

Test Voltage: Supply voltage, maximum load current 16A  
 Display Ranges: 0.01mA to 19.99mA  
 Pass Value: User Defined

### Touch Current

Test Voltage: Supply Voltage, maximum load current 16A  
 Display Range: 0.00 – 3.50mA  
 Pass Value: User defined

### Load Power/Current

Test Voltage: 230V +10%, -15%, maximum load current 16A  
 Test Duration: Programmable up to a maximum of 255s depending on load. i.e. max duration is reduced for high loads.  
 Display Range: 0.00kVA – 4.00kVA  
 0.00A – 16.00A

### Alternative Leakage Current

Test Voltages: >25Vac <50Vac  
 Display Range: 0.00mA to 19.99mA  
 Pass Value: User Defined

### RCD Test

Test Voltage: 230V +10%, -15%  
 Test Current: 30mA / 150mA rms sinusoidal  
 Display Range: 0ms - 2000ms  
 Test method: Internal isolation to avoid tripping distribution board RCD

### Power Socket Test

Voltage Range: 207V – 253V AC  
 Indicates configuration of voltage potential:-  
 Line potential phase to earth  
 Line potential phase to neutral  
 Line potential neutral to earth

### PATGuard 3 PAT and Health and Safety software



The ultimate PAT testing and Health and Safety management software. Record, store and report on a range of health and safety requirements including PAT testing, risk assessments and other workplace test and inspections. Tag records with images as visual evidence, schedule retest periods and produce professional reports and certificates for total traceability and secure data management.

### General

Memory size: 50,000 records & 2000 photos  
 Weight: 1.5kg  
 Dimensions: 230mm x 150mm x 100mm  
 Power Source: Mains or rechargeable battery pack

### Standard Accessories (supplied with Apollo 600)

Apollo checkbox  
 30 day free trial of PATGuard 3 Health and Safety Edition  
 2x test leads and probes with crocodile clips  
 0.5m IEC lead  
 110V test adaptor  
 Mains power lead  
 USB download cable  
 Quick start guide  
 Carry case  
 UKAS calibration certificate

### Optional Accessories

Test n Tag Elite bluetooth printer (339A970)  
 Test n Tag Pro bluetooth printer (339A980)  
 Bluetooth barcode scanner (339A923)  
 TPA Series 3-Phase leakage adaptor  
 (5 star 16A-391A920, 5 star 32A- 391A910)  
 PATGuard 3 software – Download the free trial at [www.seaward.co.uk/pg3trial](http://www.seaward.co.uk/pg3trial)

### Part Numbers

Apollo 600 standard package: 380A910 (UK)  
 Apollo 600 with Elite accessory bundle: 380A950 (UK)  
 Apollo 600 with Elite accessory bundle + PATGuard 3 software: 380A961 (UK)  
 Apollo 600 with Pro accessory bundle: 380A963 (UK)  
 Apollo 600 with Pro accessory bundle + PATGuard 3 software: 380A965 (UK)

### Training

Seaward offer a range of PAT testing courses, including City & Guilds. Go to [www.seaward.co.uk/training](http://www.seaward.co.uk/training) for more information

### Services

2 year warranty (subject to terms and conditions, available at [www.seaward.co.uk/warranty24](http://www.seaward.co.uk/warranty24))  
 Service & Calibration by Calibrationhouse  
 Go to [www.calibrationhouse.com](http://www.calibrationhouse.com) for more information