

# 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
- Risk Assessment Professionals
- Professional PAT Testers
- Electrical Contractors
- Facilities Managers
- Operations Managers





### ► 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.

### ► 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.



### ► 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 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.

Download a free trial at [www.seaward.co.uk/pg3trial](http://www.seaward.co.uk/pg3trial)

► **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 2 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> <li>■ 110V adapter</li> </ul> Includes Apollo 600 tester	380A950
<b>Elite Bundle + Software</b>	PLUS PATGuard 3 software 1yr licence	380A961
<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> <li>■ 110V adapter</li> </ul> Includes Apollo 600 tester	380A963
<b>Pro Bundle + Software</b>	PLUS PATGuard 3 software 1yr licence	380A965



## Apollo Series Comparison Chart

		Apollo 400	Apollo 500	Apollo 600
<b>General Features</b>	Battery & mains powered	■	■	■
	Colour Screen & QWERTY keypad	■	■	■
	Large internal memory	<b>2000 records</b>	<b>10,000 records</b>	<b>50,000 records</b>
	Scanner & printer compatible	■	■	■
	Password controlled user accounts		■	■
	Set up multiple user accounts with varying levels of privileges		■	■
	Clone facility to set up multiple testers		■	■
	Checkbox supplied as standard		■	■
	On-board user manual		■	■
<b>Test &amp; Inspection Features</b>	Auto-increment asset ID		■	■
	PAT Setup option to allow for custom menus		■	■
	Enter asset description after test using keypad or barcode scanner	■	■	■
	Comprehensive electrical safety test features	■	■	■
	Point to point measurement (Rpe & IR)	■ <b>(optional accessory required)</b>	■	■
	User configurable electrical test/visual inspection sequences	<b>25</b>	<b>100</b>	<b>100</b>
	User set sites & locations	<b>50</b>	<b>100</b>	<b>100</b>
	Risk based retest period calculator		■	■
	User definable comments lines against test records		■	■
	Configurable checklists for any workplace test or inspection (user tests)		■	■
	On-board camera			■
	Universal risk assessment			■
	Health & safety certificates			■
<b>Data Transfer</b>	Bluetooth connectivity	■	■	■
	Barcode scanner connectivity	■	■	■
	Print Pass & Fail labels	■	■	■
	Add your company logo to labels		■	■
	Select from various label formats to print		■	■
	Remote data transfer via mobile device	■ <b>(Android only)</b>	■ <b>(Android only)</b>	■ <b>(Android and iOS)</b>
	Download to PC via USB cable	■	■	■
	Filter results to be downloaded		■	■
	Upload previous results to tester for retest		■	■
	Data transfer via USB flash drive			■

## Also available in this range:

**Apollo 400** Simple, no-nonsense PAT tester



A straightforward electrical safety tester with QWERTY keypad for fast data entry and storage of up to 2,000 appliance records. Ideal for mid-volume testing in compliance with the IET 4th Edition Code of Practice, the Apollo 400 offers easy and efficient data management with remote data transfer and USB downloading.

## Technical Specifications

### Earth Continuity

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

### Insulation Resistance

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

### IEC Lead Test

Test Voltage: 5VAC 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 – 253VAC  
 Indicates configuration of voltage potential:-  
 Line potential phase to earth  
 Line potential phase to neutral  
 Line potential neutral to earth

**Apollo 500** Fast, customisable, versatile PAT tester



A powerful PAT tester with a built-in PAT retest calculator and flexible user-configurable sequences for recording any non-electrical workplace test or inspection. The ability to customise a number of settings, and a large memory to store up to 10,000 appliance records, makes the Apollo 500 a versatile and dependable tool for high volume PAT testing.

### 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 checkbook  
 30 day free trial of PATGuard 3  
 Carry case  
 2x test leads and probes with crocodile clips  
 0.5m IEC lead  
 Mains power lead  
 USB download cable  
 Quick start guide  
 UKAS calibration certificate

### Optional Accessories

Test n Tag Elite 2 Bluetooth printer with roll of large labels (339A989)  
 Test n Tag Elite 2 Bluetooth printer with roll of small labels (339A995)  
 Test n Tag Pro Bluetooth printer with roll of large labels (339A980)  
 Test n Tag Pro Bluetooth printer with roll of small labels (339A987)  
 Roll of large labels (approx. 130 off 52 x 74mm labels) (339A946)  
 Roll of small labels (approx. 350 off 52 x 25mm labels) (339A947)  
 Bluetooth barcode scanner (339A923)  
 110V test adaptor (270A076)  
 110V to IEC adapter (344A050)  
 3 Phase Leakage Adaptor 5 Star 16A (391A920)  
 3 Phase Leakage Adaptor 5 Star 32A (391A910)  
 3 Phase Adapter Delta 4 pin 16A 415V (for Rpe & IR) (209A910)  
 3 Phase Adapter Star 5 pin 16A 415V (for Rpe & IR) (209A911)  
 3 Phase Adapter Delta 4 pin 32A 415V (for Rpe & IR) (209A912)  
 3 Phase Adapter Star 5 pin 32A 415V (for Rpe & IR) (209A913)  
 Professional Seaward kit bag (71G109)  
 PATGuard 3 software – download 30 day free trial at [www.seaward.co.uk/pg3trial](http://www.seaward.co.uk/pg3trial)

### Part Numbers

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

### 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