Apollo+ Series

The best downloadable PAT testers on the market.

Our world beating NEW **Apollo**+ Series now comes with improved functionality and accessories, including an external rechargeable battery pack and the ability to scan and print QR codes.

Straightforward PAT testing with simple data management
Following in the footsteps of Seaward's long line of trusted PAT testers, the Apollo+ Series offer a comprehensive suite of electrical safety tests to enable any workplace appliance to be tested. The Apollo+ also enables point to point testing of fixed appliances as required by the 4th edition of the IET Code of Practice.

Risk-based PAT testing
The Apollo 600+ and 500+ have a built-in electrical risk assessment tool that can be used to easily determine a risk-based suggested retest period in line with the IET 4th Edition Code of Practice. For users who are responsible for recording other non-electrical tests or inspections such as fire extinguishers or ladders, the user-configurable test function enables this.

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 Seaward's PATGuard 3 software as evidence - making it the most comprehensive and traceable record-keeping system.

Why buy the new Apollo+ Series**?**

- Large on-board storage
- High definition colour display
- Remote data transfer from field to office
- Fixed appliance (point to point) testing
- User configurable tests- for non-electrical tests and inspections e.g. fire extinguishers and PPE
- Optional additional battery for extended operating time

Apollo+ Series **Users:**

- Professional PAT Testers
- Electrical Contractors
- Facilities Managers
- Operations Managers

To see the **Apollo+** Series for yourself, request your live online demonstration today at **seaward.com/apolloplus**

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Rev 1

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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, the Apollo 600+ also hosts onboard reports for fire detection and emergency lighting - making it an all-in-one solution for the future of health and safety management.

Superb software for total traceability
Apollo+ Series instruments have large internal memories capable of storing either 50,000, 10,000 or 2,000 records (600+, 500+ and 400+ respectively) and an additional 2,000 images (600+ only). Their 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 Bluetooth function and a compatible mobile phone or tablet; or download results onto a USB flash drive (600+ only). Alternatively, transfer data directly using a USB lead when back at the office. Once downloaded to PATGuard 3, it is easy to keep track of the history of test and inspections, produce reports, certificates and invoices – offering total peace of mind and quicker, easier management of scheduling inspections and tests.

Time Manager 3 is an exciting software package, now included with PATGuard 3, and provides clear time management facilities. It's ideal for companies that manage off-site or remote testing staff and need to manage their business in a time efficient manner. It runs as part of PATGuard 3 software and provides clear graphical information on the user's activity such as number of tests taken, and time of tests.

Download a free trial at www.seaward.com/PG3

Scan and print QR codes
Seaward's new QR code data system allows more data to be stored in your PAT label barcode including; Asset ID, site, location, last and next test dates. Using Seaward's Test n Tag Elite 2 printer you can now print labels that include our unique QR data code, the Apollo 600+ and 500+ have the ability to read the data contained in the code via our new Bluetooth 2D Elite barcode scanner and populate the fields automatically for quicker retesting without the need for data upload.

With our new QR DATA Viewer app (available for both Android and iOS devices) you can share these benefits with your customers - the app allows end users to scan the labels and see the test information, they can then very easily share the data via email. This functionality allows duty holders and end users to keep better track of faulty items.

Electrical Test Functions:

- Low current earth continuity test (with Zap circuit) guaranteeing accurate measurement
- Insulation resistance
- IEC lead test
- Protective conductor current
- Touch current
- Load power/current
- Alternative leakage current
- Point to point testing of earth continuity and insulation resistance
- RCD test
- Power socket test

DESIGNED & BUILT IN GREAT BRITAIN

KEEPING PEOPLE SAFE FOR OVER 35 YEARS

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Apollo 600+

Apollo 600+ revolutionises safety management, with a built-in risk assessment tool 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, the Apollo 600+ features an on-board camera, allowing photographs to be stored alongside risk assessments and other test and inspection data.

Apollo 600+ Key Features:

- On board colour camera with flash
- Store 2,000 images
- Store up to 50,000 appliance records
- Ability to use (2D) QR codes
- Built in universal and electrical risk assessment tools
- Additional health and safety certificates

Apollo 500+

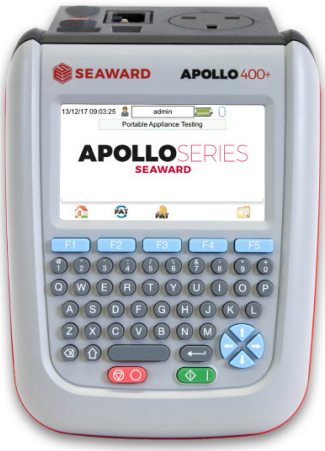
A great value 'plug and play' PAT tester with a comprehensive range of tests and advanced data transfer and storage features.

Designed to enable simple, professional and fast PAT testing, with remote data transfer, USB upload/download and a memory to store up to 10,000 complete test sets.

With point-to-point measurement, fast boot-up and a risk-based retest calculator to quickly determine suggested retest periods, Apollo 500+ is the ideal companion for high-volume testing.

Apollo 500+ Key Features:

- Store up to 10,000 appliance records
- Ability to use (2D) QR codes
- Built in electrical risk assessment tool with suggested retest period calculator
- User configurable tests - for non-electrical tests and inspections e.g. fire extinguishers and PPE



Apollo 400+

A comprehensive range of electrical safety tests ensure compliance with the IET 4th Edition Code of Practice, whilst remote data transfer and USB download makes data management easy and efficient.

The Apollo 400+ is ideal for mid-volume PAT testing where detailed records are required.

Streamline the PAT testing process further by using the Apollo 400+ with a compatible label printer, barcode scanner and PATGuard 3 software.

Apollo 400+ Key Features:

- Store up to 2,000 appliance records
- Printer Compatible
- Point to point measurment (Rpe & IR) - needs optional accessory
- 25 User configurable electrical test/visual inspections sequences

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Comparison Chart:

General Features	600+	500+	400+
Battery & mains powered	●	●	●
Colour screen & QWERTY keypad	●	●	●
Large internal memory	up to 50,000 records and 2,000 photos	up to 10,000 records	up to 2,000 records
Bluetooth 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	●	●	
Test Inspection Features	**600+**	**500+**	**400+**
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)	●	●	Optional accessory required
User configurable electrical test/visual inspection sequences	100	100	25
User set sites & locations	100	100	50
Risk based retest period calculator	●	●	
User definable comments lines against test records	4	4	
Configurable checklists for any workplace test or inspection (user tests)	●	●	
On-board camera	●		
Universal risk assessment	●		
Health & safety certificates	●		
Data Transfer	**600+**	**500+**	**400+**
1D and 2D Scanner connectivity	●	●	● Reads 1D Data Only
Read QR code (2D) labels with 2D scanner	●	●	
RFID reader connectivity	●		
Print Pass & Fail labels with 1D barcode	●	●	●
Print Pass & Fail labels with QR code (2D)	●	●	
Add your company logo to labels (on large 1D labels only)	●	●	
Select from various label formats to print	6	6	6
Download to PC via USB cable	●	●	●
Data Transfer via USB flash drive	●		
Filter results to be downloaded	●	●	●
Upload previous results to tester for retest	●	●	

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Technical Specification:

Earth Continuity (Rpe)
Test Current: +/- 200mA DC
Measurement Range: 0.05Ω to 19.99Ω
Pass Value: User defined

Insulation Resistance (IR)
Test Voltage: 500V / 250VDC @ 1mA nominal
Measurement Range: 0.10MΩ to 19.99MΩ
Pass Value: User defined

IEC Lead Test
Test Voltage: 5VAC nominal
Test: Live / Neutral Checks for o/c, s/c and crossed polarity

Protective Conductor Current/Load
Test Voltage: Supply voltage, maximum load current 16A
Measurement Range: 0.25mA to 19.99mA
Pass Value: User defined

Touch Current
Test Voltage: Supply voltage, maximum load current 16A
Measurement Range: 0.10mA to 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 240s
Measurement Range: 0.50A to 16.0A

Substitute (Alternative) Leakage Current
Test Voltages: >25VAC <50VAC
Measurement Range: 0.20mA to 19.99mA
Pass Value: User defined

RCD Test
Test Voltage: 230V +10%, -15%
Test Current: 30mA / 150mA rms sinusoidal
Display Range: 0ms to 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

General
Memory size (Apollo 600+): up to 50,000 records & 2,000 photos
Memory size (Apollo 500+): up to 10,000 records
Memory size (Apollo 400+): up to 2,000 records
Weight: 1.5kg
Dimensions: 230mm x 150mm x 100mm
Power Source: Mains or rechargeable battery pack

What's in the box?
(Supplied as standard with Apollo+ Series)

	600+	500+	400+
Apollo Instrument	1	1	1
Professional Carry Case	1	1	
Test Lead 1.2m with Alligator Clip, Red	1	1	1
Test Lead 1.2m with Allogator Clip, Black	1	1	
IEC Extension Lead, 0.5m	1	1	1
Black Mains Lead	1	1	1
USB Download Lead	1	1	1
Apollo+ Check Box	1	1	
UKAS Calibration Certificate	1	1	1
Quick Start Guide	1	1	1

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Part Numbers:

Instrument Only	
Apollo 600+	380A926
Apollo 500+	380A928
Apollo 400+	380A930
Optional Accessory Kits (Supplied without Apollo+ Instrument)	
Elite Accessory Bundle (includes Test n Tag Elite 2 Printer, Bluetooth 2D Scanner, 2x Elite durable labels 25mm, 2x Elite durable labels 75mm, Apollo Kit carry case, 110V test adaptor.	380A9912
Pro Accessory Bundle (includes: Test n Tag Pro Printer, Bluetooth Barcode Scanner (1D), 2x Pro labels 25mm, 2x Pro labels 75mm, Apollo Kit carry case, 110V test adaptor.	380A9911
Optional Accessory Kits (Supplied with Apollo+ Instrument)	
Apollo 600+ with Elite Bundle	380A9893
Apollo 600+ with Elite Bundle and 1 year PATGuard 3 software	380A9894
Apollo 500+ with Elite Bundle	380A9899
Apollo 500+ with Elite Bundle and 1 year PATGuard 3 software	380A9900
Apollo 400+ with Elite Bundle	380A9906
Apollo 400+ with Elite Bundle and 1 year PATGuard 3 software	380A9907
Apollo 600+ with Pro Bundle	380A9890
Apollo 600+ with Pro Bundle and 1 year PATGuard 3 software	380A9891
Apollo 500+ with Pro Bundle	380A9896
Apollo 500+ with Pro Bundle and 1 year PATGuard 3 software	380A9897
Apollo 400+ with Pro Bundle	380A9902
Apollo 400+ with Pro Bundle and 1 year PATGuard 3 software	380A9903
Optional Accessories	
Test n Tag Elite 2 Bluetooth printer	339A989
Test n Tag Elite 2 Durable Label Rolls (52x74mm) approx. 120 off	339A9491
Test n Tag Elite 2 Durable Label Rolls (52x25mm) approx. 304 off	339A9490
Test n Tag Pro Bluetooth printer	339A980
Roll of Large White Label Rolls (52x74mm) approx. 130 off	339A946
Roll of Small White Label Rolls (52 x 25mm) approx. 350 off	339A947
Bluetooth 2D Elite Scanner	339A925
Bluetooth 1D Barcode Scanner	339A923
110V Test Adaptor (for Rpe and IR)	270A076
3 Phase Leakage Adaptor, Star 5 pin 16A (for Rpe and Leakage)	391A920
3 Phase Leakage Adaptor, Star 5 pin 32A (for Rpe and Leakage)	391A910
3 Phase Adapter, Delta 4 pin 16A (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
Apollo+ Series Checkbox	380A953
Apollo+ Series USB Download Lead	396A976
Apollo+ Series 0.5m IEC Test Lead	300A002
Apollo+ Series Red and Black Test Lead Set	380A951
Apollo+ Series Red Test Lead	380A982
Apollo+ Series Black Test Lead	380A983
Apollo+ Series Spare Battery	380A019
Apollo+ Series Battery Charger	380A9910
Apollo+ Series Kit Bag	71G109
Apollo+ Series Carrying Case	380A952
PATGuard 3 Software	
PATGuard 3 Elite 1 Year Licence	400A910
PATGuard 3 Elite Outright Purchase	400A917
Download a 30 day free trial of PATGuard 3 at www.seaward.com/PG3	

Training
Seaward offer a range of PAT testing courses, go to www.seaward.com/training for more information.

Warranty
2 year warranty (subject to terms and conditions, available at www.seaward.com/warranty24

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