Apollo 600+

The best downloadable PAT tester on the market.



Our world beating **Apollo 600+** is now updated. It now has an improved range of pre-programmed test sequences. That allows the user to choose the test sequence based on the test requirements.

Straightforward PAT testing with simple data management
Following in the footsteps of Seaward's long line of trusted PAT testers, the Apollo 600+ offers a comprehensive suite of electrical safety tests to enable any workplace appliance to be tested. The Apollo 600+ also enables point to point testing of fixed appliances.

Visual evidence for full traceability
The Apollo 600+ has a built-in digital camera enabling images taken during visual inspections 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 600+

- Large on-board storage
- High definition colour display
- Remote data transfer from field to office
- Fixed appliance (point to point) testing
- Optional additional battery for extended operating time
- Integrated camera for easy photos in the field

Apollo 600+ Users:

- Electrical Contractors

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Superb software for total traceability
Apollo 600+ has 50,000 slots internal memories 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 the Apollo 600+'s local Wi-Fi function to create a hotspot and forward it through a compatible mobile phone or tablet. Alternatively, you can transport the results by downloading them onto a USB flash drive or 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 and invoices – offering total peace of mind and quicker, easier management of scheduling 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.

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+ 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 SINCE 1982

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For complete traceability of results, including proof of visual inspection, the Apollo 600+ features an on-board camera, allowing photographs to be stored alongside 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

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General Features	
Battery & mains powered	●
Colour screen & keypad	●
Large internal memory	up to 50,000 records and 2,000 photos
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	●
Apollo Checkbox supplied as standard	●
Test Inspection Features	
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 (R_{pe} & I_R)	●
User configurable electrical test/visual inspection sequences	100
User set sites & locations	100
User definable comments lines against test records	4
On-board camera	●
Data Transfer	
Connectivity for compatible 1D and 2D scanners	●
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
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: ±200 mA_{DC}
Measurement Range: 0.05 Ω ... 19.99 Ω
Pass Value: User defined

Insulation Resistance (IR)
Test Voltage: 500 V / 250 V_{DC} @ 1 mA nominal
Measurement Range: 0.10 MΩ ... 19.99 MΩ
Pass Value: User defined

IEC Lead Test
Test Voltage: 5 V_{AC} nominal
Test: Live / Neutral Checks for o/c, s/c and crossed polarity

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

Touch Current
Test Voltage: Supply voltage, maximum load current 16 A
Measurement Range: 0.10 mA ... 3.5 mA
Pass Value: User defined

Load Power/Current
Test Voltage: 230 V +10 %, –15 %, maximum load current 16 A
Test Duration: Programmable up to a maximum of 240 s
Measurement Range: 0.50 A ... 16.0 A

Substitute (Alternative) Leakage Current
Test Voltages: >25 V_{AC} <50 V_{AC}
Measurement Range: 0.20 mA ... 19.99 mA
Pass Value: User defined

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

Power Socket Test
Voltage Range: 207 V ... 253 V_{AC}
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
Weight: 1.5 kg
Dimensions: 230 mm × 150 mm × 100 mm
Power Source: Mains or rechargeable battery pack

What's in the box?
(Supplied as standard with Apollo 600+)

- Apollo Instrument
- Professional Carry Case
- Test Lead 1.2 m with Alligator Clip, Red
- Test Lead 1.2 m with Alligator Clip, Black
- IEC Extension Lead, 0.5 m
- Mains Lead
- USB Download Lead
- Apollo Checkbox
- UKAS Calibration Certificate
- CE declaration
- Quick Start Guide









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Part Numbers:

Instrument

Apollo 600+ with Standard Content	M711B
Apollo 600+ with Standard Content and Elite Kit (includes Test n Tag Elite 2 Bluetooth Printer, Bluetooth 2D Elite Scanner, 2 × Test n Tag Elite 2 White Label Rolls (52 × 25 mm), 2 × Test n Tag Elite 2 White Label Rolls (52 × 74 mm), Apollo Kit Bag)	M711C

Optional Accessories

Test n Tag Elite 2 Bluetooth printer	339A9890
Test n Tag Elite 2 White Label Rolls (52 × 74 mm)	339A9501
Test n Tag Elite 2 White Label Rolls (52 × 25 mm)	339A9500
Bluetooth 2D Elite Scanner	339A928
3 Phase Adapter, Star 5 pin 16 A (for R_{PE} & I_{PE})	391A930
3 Phase Adapter, Star 5 pin 32 A 415 V (for R_{PE} & I_{PE})	391A931
Apollo+ Series Red and Black Test Lead Set	380A951
Apollo+ Series Spare Battery	380A019
Apollo+ Series Kit Bag	71G109

PATGuard 3 Software

PATGuard 3 1-Year-Licence	400A927

Download a 30 day free trial of PATGuard 3 at https://gmc-i.link/patguard3

Warranty

2 year warranty (subject to terms and conditions, available at www.seaward.com/waranty24)





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