

# 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.

Designed to enable simple, professional and fast PAT testing, Apollo 500 features all of the required tests of the IET 4th Edition Code of Practice along 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 to the 4th Edition Code of Practice.

## Key Features

- High definition colour display
- Store 10,000 appliance records
- Remote data transfer from field to office
- Bluetooth connectivity
- 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

## Electrical Test Functions

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

## Apollo 500 Users

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





### ▲ **Fast, Reliable 'Plug and Play' Testing**

Apollo 500 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 accurate and reliable earth continuity tests (patent pending), 3 phase and fixed appliances as well as Residual Current Devices.

With a large colour display and intuitive menu structure, the Apollo 500 is simple to grasp. Its light weight and small size along with battery or mains power modes, a fast boot up and a handy power scavenging feature mean it is good to go in seconds; allowing more appliances to be tested without downtime for boot-up or a battery re-charge.

A built-in electrical risk assessment tool can be used to easily determine a risk-based suggested retest period in line with the IET 4th Edition Code of Practice for In-service Inspection and Testing.

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.



### ► **Superb software for total traceability**

Apollo 500 has an internal memory capable of storing up to 10,000 electrical test records. Its compatibility with Seaward's PATGuard 3 software means that complete test records are easily managed on a PC.

Transfer data to the PC remotely using the Bluetooth function and a smartphone, or download the results via a USB cable directly to a PC. Once downloaded to PATGuard 3, it is easy to keep track of the history of test and inspections as well as 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, the Apollo 500 is compatible with a range of printers and barcode scanners, further speeding up the process of asset recognition, testing and labelling.

#### Optional accessory Bundles available:

##### Elite Bundles

- Test n Tag Elite rugged portable printer
- Test n Tag Elite printer labels x 4
- Bluetooth barcode scanner
- Apollo kit carry case

##### Elite Bundle + Software

PLUS PATGuard 3 software 3yr licence

### ▶ Accessory Bundles

The Apollo 500 is available to buy with a selection of optional accessory bundles to help you get the most out of your tester.



### Also available in this range:

## 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.

## Apollo 600

Multi-tasking Health and Safety management tool



A multi-tasking PAT, the all in one Health and Safety management tool with camera, universal risk assessment, built-in health and safety certificates and a huge internal memory.

[www.apollo-series.com](http://www.apollo-series.com)

Tel: +44 (0) 191 587 8744

Email: [sales@seaward.co.uk](mailto:sales@seaward.co.uk)

## Technical Specifications

### PAT TESTS

#### 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: Supply Voltage, 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 - 200ms (30mA), 0-40ms (150mA)  
 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

#### General

Memory size 10,000 records  
 Weight 1.5kg  
 Dimensions 230mm x 150mm x 100mm  
 Power Source Mains or Rechargeable battery pack

### Standard Accessories (supplied with Apollo 500)

Apollo checkbox  
 2x test leads and probes with crocodile clips  
 0.5m IEC lead  
 Mains power lead  
 USB download cable  
 30 day free trial of PATGuard 3 software  
 Quick start guide  
 Carry Case  
 UKAS calibration certificate  
 2 year warranty (subject to product registration)

### Optional Accessories

Test n Tag Elite Bluetooth printer (339A970)  
 Bluetooth barcode scanner (339A023)  
 110V test adaptor (270A076)  
 TPA Series 3-phase leakage adaptor  
 (5 star 16A - 391A920, 5 star 32A – 391A910)  
 PATGuard 3 software  
 Kit carry case (380A955)

### 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

Service & Calibration by Calibrationhouse  
 Go to [www.calibrationhouse.com](http://www.calibrationhouse.com) for more information

Apollo 500 Part Number: 380A913  
 Apollo 500 with Elite accessory bundle: 380A960  
 Apollo 500 with Elite accessory bundle + PatGuard 3 software: 380A966

