Apollo 400

A simple, no-nonsense PAT tester with fast data entry and storage for up to 2000 appliance records.

Apollo 400 offers simple electrical safety testing with straightforward data entry using the intuitive QWERTY keypad.

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.

Key Features
- High definition colour display
- Store 2000 appliance records
- Remote data transfer from field to office
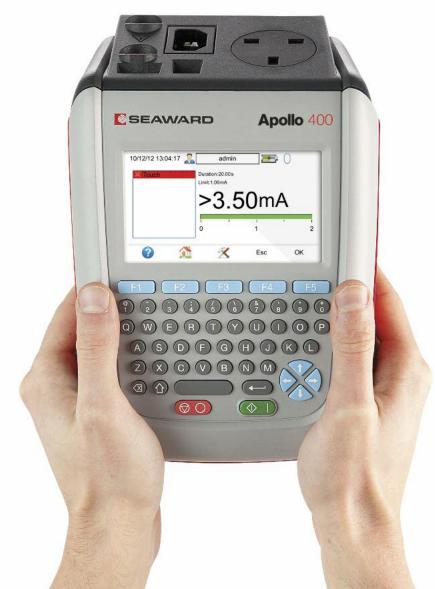- Bluetooth connectivity

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

*Requires optional accessory (part number 380A983)

Ideal For
- Electrical Contractors
- Facilities Managers
- Operations Managers

▲ Straightforward PAT testing with simple data management

Apollo 400 offers a comprehensive suite of electrical safety tests to enable any workplace appliance to be tested, including 3-phase equipment, fixed appliances* and RCDs.

The QWERTY keypad enables asset information to be entered quickly and easily, while a large colour display with an intuitive menu structure makes the Apollo 400 simple to grasp. Lightweight and small in size, with battery or mains power modes, the Apollo 400 is good to go in seconds; allowing more appliances to be tested without downtime for boot-up or a battery re-charge.

◄ Superb software for total traceability

Apollo 400 has an internal memory capable of storing up to 2000 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.

Download a free trial at **www.seaward.co.uk/pg3trial**

*additional accessory required for point to point testing

SEAWARD

◀ **Greater efficiency through useful accessories**

As with many Seaward PAT testers, the Apollo 400 is compatible with a range of printers and barcode scanners, further speeding up the process of asset recognition, testing and labelling.

▶ **Accessory Bundles**

The Apollo 400 is available to buy with a selection of optional accessory bundles to help you get the most out of your tester.

Apollo 400 is supplied as standard with a UKAS calibration certificate, and a 2 year manufacturer's warranty (subject to terms and conditions).

Optional accessory bundles available:		Part Number
Elite Bundle	■ Test n Tag Elite 2 rugged portable printer ■ Test n Tag printer labels x 4 ■ Bluetooth barcode scanner ■ Apollo kit carry case ■ 110V adapter Includes Apollo 400 tester	380A978
Elite Bundle + Software	PLUS PATGuard 3 software 1yr licence	380A979
Pro Bundle	■ Test n Tag Pro lightweight portable printer ■ Test n Tag printer labels x 4 ■ Bluetooth barcode scanner ■ Apollo kit carry case ■ 110V adapter Includes Apollo 400 tester	380A980
Pro Bundle + Software	PLUS PATGuard 3 software 1yr licence	380A981

Also available in this range:

Apollo **500**

A fast & fully customisable and 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.

Apollo **600**

Multi-tasking PAT tester with on-board camera

A multi-tasking and fully customisable PAT with additional health and safety features and on-board camera for unrivalled record keeping.

Apollo 600 includes a universal risk assessment tool and the ability to store up to 50,000 appliance records, plus 2,000 images - providing visual evidence of test environments; perfect for advanced record-keeping in organisations with high-volume workplace test and inspection routines.

www.seaward.co.uk/apollo400

Tel: +44 (0) 191 587 8741
Email: sales@seaward.co.uk

Apollo Series Comparison Chart

Category	Feature	Apollo 400	Apollo 500	Apollo 600
General Features	Battery & mains powered	■	■	■
	Colour Screen & QWERTY keypad	■	■	■
	Large internal memory	2000 records	10,000 records	50,000 records
	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		■	■
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 (Rpe & IR)	■ (optional accessory required)	■	■
	User configurable electrical test/visual inspection sequences	25	100	100
	User set sites & locations	50	100	100
	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			■
Data Transfer	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	■ (Android only)	■ (Android only)	■ (Android and iOS)
	Download to PC via USB cable	■	■	■
	Filter results to be downloaded		■	■
	Upload previous results to tester for retest		■	■
	Data transfer via USB flash drive			■

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 / 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:	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 - 2000ms (30mA), 0-40ms (150mA)
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	2000 records
Weight	1.5kg
Dimensions	230mm x 150mm x 100mm
Power Source	Mains or rechargeable battery pack

Standard Accessories (supplied with Apollo 400)
30 day free trial of PATGuard 3 software
1x red test lead and probe with crocodile clip
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 small labels (339A995)
Test n Tag Pro Bluetooth printer with roll of small labels (339A987)
Roll of small labels (approx. 350 off 52 x 25mm labels) (339A947)
Additional black test lead and probe with crocodile clip (for point to point testing) (380A983)
Bluetooth barcode scanner (339A923)
110V test adaptor (270A076)
110V to IEC adapter (344A050)
Apollo checkbox (380A953)
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)
Apollo carry case (380A952)
PATGuard 3 software – download 30 day free trial at www.seaward.co.uk/pg3trial

Part Numbers
Apollo 400 standard package 380A920
Apollo 400 with Elite accessory bundle 380A978
Apollo 400 with Elite accessory bundle & PATGuard 3 one year licence 380A979
Apollo 400 with Pro accessory bundle 380A980
Apollo 400 with Pro accessory bundle & PATGuard 3 one year licence 380A981

Training
Seaward offer a range of PAT testing courses, including City & Guilds. Go to www.seaward.co.uk/training for more information.

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

Part of SEAWARD GROUP