SEAWARD

Supernova Elite

A comprehensive, dual voltage PAT with flash test

The Supernova Elite is a ruggedly put together, comprehensive tester that you'll find indispensable. It will carry out a wide range of tests, including flash testing and RCD trip time. It is the only PAT tester on the market to have true dual voltage capability, meaning it can be powered by 230V or 110V supply whilst carrying out either 230V or 110V tests.

The Supernova Elite is packed with incredibly useful features, like a 5000 test record memory, storing locations, user, test status and date which can be downloaded to a PC. It has a serial port for the connection of a barcode reader, printer or both if using our recommended adaptor.

A large LCD display and clear walk-through instructions for each test make it easier to use and it downloads quickly. The QWERTY keyboard makes entering asset information straightforward.

Asset management is supported by our PATGuard software options.

Supplied as standard with earth lead, 110V adaptor, dual serial port adaptor, 9 way computer lead and flash probe.

Key Features
- True dual voltage for testing both 230V & 110V appliances, whether the tester is powered by a 230v or 110v supply
- Rugged enclosure can withstand the harshest of environments
- Large, easy to read display
- Proven to be extremely reliable, accurate and hardworking

Ideal For
- Testing 110V tools and appliances
- Testing on a 110V or 230V supply
- Testing equipment that requires a flash test e.g. hire equipment

Technical Specifications

Earth Continuity
Test Currents	25A, 10A, 4A, AC
Display Range	0.00ohms - 19.99ohms
Pass Value	User Defined
Measurement Technique	4 Wire Measurement, Floating Earth

Earth Screen Continuity
Test Current	100mA
Display Range	0.00ohms - 19.99ohms
Pass Value	User Defined
Measurement Technique	4 Wire Measurement, Floating Earth

Insulation Resistance
Test Voltage	250V, 500V DC
Display Range	0.1Mohms - 100Mohms
Pass Value	User Defined

Flash
Test Voltage Class I	1500V mns
Test Voltage Class II	3000V rms
Display Range	0.05mA- 2.5mA
Pass Value	User Defined

RCD Trip Time Test
Test Current	30mA
Display Range	0ms - 500ms
Pass Value	200ms

Protective Conductor Current
Test Voltage	230V/110V
Display Range	0.1mA - 10mA
Pass Value	User Defined

Touch Current
Test Voltage	230V/110V User Selectable
Display Range	0.1mA - 2.0mA
Pass Value	User Defined

Substitute Leakage
Test Voltage	40V AC Nominal
Display Range	0.1mA - 2.0mA
Pass Value	User Defined

Load Test
Display Range	0kVA - 4.2kVA

IEC Lead Polarity
Tests Performed	Live/Neutral Continuity and Polarity

Additional Information

Operating Voltage
Voltage Range	103V - 126V, 207V - 253V, 45Hz - 65Hz

Weight / Dimensions
Weight & Dimensions	9.5Kg/400cm (l) x 32cm (w) x 16cm (d)

Interfaces
Keyboard	QWERTY
Display graphic	LCD - 1/4 VGA (320x240 pixels)
Connectivity	RS232 Port Connection
	Parallel Port Connection
Part Number	283A936

Rev 2.1

Standard Accessories
Supernova Elite is supplied as standard with:
30 day free trial of PATGuard 3 Elite software
Earth lead
110V adaptor
Dual serial port adaptor
9-way computer lead
Flash probe
Calibration certificate
Part Number: 283A936

Supernova Elite is available as an advanced kit, which includes:
Supernova Elite
PATGuard 3 Elite 1 year license card
Test and Tag printer and labels*
CCD barcode scanner
Calibration certificate
Kit Part Number: 323A910
*Printer and price may vary depending upon availability

Optional Accessories
194A922	CCD Scanner
283A969	Modem Kit
298A950	Carry Case
339A975	Test n Tag Elite Printer with serial cable
288A910	Braincell Wand
288A953	Braincells
227A910	PATCheckbox

Software
PATGuard 3 software	Download the free trial at www.seaward.co.uk/pg3trial

Training
Seaward offer a range of training courses. Go to
www.seaward.co.uk/training for more information

Services
1 year standard warranty
Service and Calibration by Calibrationhouse