

# SUPERNOVA ELITE

A COMPREHENSIVE, DUAL VOLTAGE PAT WITH FLASH TEST



There is no denying it this is the most comprehensive, useful tester on the market, bar none. If you need to do a test, rest assured, the Supernova Elite can do it, as well as flash and RCD trip time tests, the Supernova Elite also has full dual voltage capability. This is a sophisticated piece of kit, packed full of fantastically useful features, such as 5000 test record memory, locations, user, test status and date. It links to a PC and has a modem for remote transfer of information. There are connections for a barcode reader, braincell scanner, and printer, as well as a parallel printer port. Barcode labels are generated via a thermal printer. For ease of use, there is a large graphical display, with legible, walk through instructions for each test facility. Downloading vital information is fantastically fast and asset management is supported with three software options. All this in a rugged enclose too. This tester has it all.

## Key Features

### ■ Any appliance, any test

A full and comprehensive set of tests, together with dual voltage and flash test and RCD trip time test capacity, means you can do any test there and then.

### ■ Walk through instructions

Good news. You don't have to be a brain surgeon to operate it. The large, easy to read display will walk you through any test procedure with ease.

### ■ Connectivity? No problem

As you might expect, the Supernova Elite has ports and plugs galore. PC,barcode reader, braincell scanner and printer connections are all taken care of.

### ■ Superfast Download

No waiting for information to download. Thanks to the incredible download ability of the Supernova Elite, the wait is over before it has barely started.

## Supernova Elite Users

- Construction industry
- Hire Companies
- Manufacturers
- Facilities Managers

# SUPERNOVA ELITE SPECIFICATIONS

## PAT TESTS

### 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 - 1/4VGA (320x240 pixels)                     |
| Connectivity    | RS232 Port Connection<br>Parallel Port Connection |

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## Advanced PAT Solutions Package

PAT Solutions is a total solutions philosophy that encompasses all aspects of electrical safety testing, from the testers themselves to information management software, through to label printers and much more.

Each tester and its accessories can be purchased separately or as an optional PAT Solutions package which includes everything needed to run an efficient and effective PAT testing business.

### Advanced PAT Solutions Package includes:

- Supernova Elite Tester
- PATGuard Support Contractor
- PATGuard Elite 2 Software
- Guide to Portable Appliance Testing
- Test & Tag Kit
- Calibration Certificate

## Optional Extras

### Hardware:

- CCD Scanner (194A922)
- Modem Kit (283A969)
- Carry Case (298A950)
- Test & Tag Kit (308A915)
- Braincell Wand (288A910)
- Braincells (288A953)
- PATCheckbox (227A910)

### Software:

-  (352A910)
-  (352A920)
-  (352A930)
-  (334A910)
-  (336A910)

**Training: SUPERNOVA ELITE TRAINING COURSE**

**PATGUARD SOFTWARE TRAINING COURSE**

**Services: SERVICE & CALIBRATION JUMP START**



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Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.