

## Simply the Quickest and Lightest PAT Tester Available with QWERTY Keypad

Importantly, the Europa Plus is one of the first Seaward testers to incorporate specially developed software which compares successive test results for the same item of electrical equipment.

Another development is the inclusion of two serial ports for the concurrent use of a bar code scanner and a printer. This facility also enables the automatic print out of results immediately after a test has been completed.

Compatibility with Seaward's PATGuard software, and the FREE software, PATSLite, provides a complete Portable Appliance Testing Solution.

The Europa Plus, a development of the award winning Europa, ensures that the Electrical Safety Testing process is as accurate, hassle-free and convenient as possible.

*The Seaward Europa Plus allows you to carry out accurate earth bond and leakage measurements even when multiple earth paths exist – a feature only Seaward testers can provide.*

### FEATURES

- Accurate Earth Bond and Leakage Measurements even when multiple Earth Paths exist.
- Has up to 5000 Memory Locations
- Dual Voltage test capability
- Polarity Lead Test capability
- Tests Information Technology equipment
- Real time clock and non-volatile memory
- Capable of printing barcode labels in conjunction with thermal printer
- Connects to PC, barcode reader, Brain Cells Scanner and printer
- Supplied with luxury Carry Case
- Optional Rubber Holster

### Modem Capability

Performs in-line Earth Bond and Touch Leakage tests while the equipment under test remains powered up – to check electrical safety without powering the equipment down.

**EUROPA PLUS** Part Number: 302A910

### SPECIFICATIONS

#### EARTH CONTINUITY

Output Currents:	25A, 10A, 4A, AC into S/C
Test Voltage:	6V rms o/c
Ranges:	0.01 - 20 ohms
Accuracy:	±5% of reading ±2 digits
Resolution:	0.01 Ohms
Pass Range:	Selectable
Misc.:	4 wire measurement, floating earth, aux earth band socket

Test voltages / currents are nominal at 230V supply

#### EARTH SCREEN TEST

Test Voltage	100mV nominal (no load)
Test Current	100mA (into s/c load)
Range	40mΩ - 19.99Ω
Resolution	0.01Ω
Accuracy	+/- 5% of reading, +/- 2 digits upto 5.00Ω
Pass Levels	Selectable
Misc	4-wire measurement, floating earth

#### DC Earth Bond Test

Test Voltage	4V nominal (no load)
Test Current	-200mA,+200mA selectable (into s/c load)
Range	40mΩ - 19.99Ω
Resolution	0.1Ω
Accuracy	+/- 5% of reading, +/- 2 digits
Pass Levels	Selectable
Misc	4-wire measurement, floating earth

#### INSULATION TEST

Measuring Range:	100K - 100 M ohms
Test Voltage:	250V, 500V DC
Accuracy:	±5% of reading ±2 digits
Resolution:	0.01 M ohms
Pass Range:	Selectable

#### SUBSTITUTE LEAKAGE

Measuring Range:	0.1 - 19.99mA
O/C Voltage:	25 - 50V
Resolution:	0.01 mA
Accuracy:	±10% of Reading ±2 digits above IMA
Pass Range:	Selectable

#### LOAD TEST

Load:	0 - 4.2kVA
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#### LEAKAGE

Range:	0.1 - 10mA
Resolution:	0.01 mA
Accuracy:	±5% of Reading ±2 digits
Pass Range:	Selectable

#### TOUCH LEAKAGE

Range:	0.1 - 2mA
Resolution:	0.01 mA
Accuracy:	±10% of Reading ±2 digits
Pass Range:	Selectable

#### POLARITY

Tests Performed:	L/N Continuity, and Polarity
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#### OPERATING VOLTAGE

Voltage Range:	207V - 253V
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#### INTERFACES

User Interface	
Keyboard	Qwerty
Display	Graphic LCD - 1/4 VGA (320x240 pixels)Backlight

#### WEIGHT / DIMENSIONS

3.5Kg Max. / 310mm x 210mm x 80mm
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