

ProTag OPTIMA Kit



- »» Seaward Primetest 300
- »» PATGuard Elite 2 Software
- »» Optima Printer
- »» Barcode Scanner

The ProTag Optima System is Australia's most compact appliance and RCD testing, Tag printing and record keeping system.

The ProTag Optima System comprises of the Seaward Primetest 300 appliance and RCD Tester, ProTag Optima test tag printer and BCS-Blue bar code scanner.

The Primetest 300 carries out all of the tests required under AS/NZS3760 for appliance and leads, and carries out 30mA RCD Tests.

The Primetest 300 also operates as a handheld data logging device by recording any type of test, inspection or risk assessment with user defined inspection routines and an in-built library of measurement and engineering units for recording actual results. This eliminates the need for a PDA or laptop for recording the results of various inspections and risk assessments, from microwave oven leakage and emergency lighting through to thermal surveys of switchboards.

Each component in the Optima System is battery powered and together the system weighs around 2 KG.

The Optima test tag printer and BCS-Blue bar code scanner connect to the Primetest 300 via wireless Bluetooth technology, eliminating connection cables and providing users with complete mobility.



The Primetest 300 is a top of the line tester, loaded with the latest technology making testing faster and more efficient. Bluetooth technology means it communicates with the Optima printer and BCS-Blue Scanner without serial or parallel cables

No more handwriting test tags! No more connection cables! Print durable and permanent synthetic test tags within seconds from the Primetest 300 Via Bluetooth.

SEAWARD	FEATURE
Primetest 300	
Display	Bright LCD
Indication	Pass/Fail Reading
Operation	Alpha-numeric Keypad
Bluetooth Interface Supports	Bluetooth/USB Adaptor Supplied
	Optional Optima Tag Printer
	Optional BCS-Blue Scanner
Leads	Earth Bond, IEC Lead
Carry Case	Deluxe Padded
Dimensions(LxWxH)	260 x 100 x 55mm
Weight	950g

SEAWARD	FEATURE
Primetest 300	
Print Method	Thermal Direct
Print Resolution	203dpi
Memory	2mb Flash RAM
Interface	Bluetooth, RS232
Dimensions	76.2 x 152.4 x 190.5mm
Weight	907g
Power Source	Lithium-ion Rechargeable battery
Enclosure	Rubber-infused plastic over-mold. Damage resistance to multiple drops of up to 1.5m

SEAWARD	TESTS PERFORMED
Primetest 300	
Lead & Socket Polarity	Yes
Earth Continuity & Continuity	200mA, 1 ohm
Insulation Resistance	500V DC, 1Mohm
Class I Leakage Current	5mA
Class II Leakage Current	1mA
MOV Devices Class I Leakage Current	5mA
MOV Devices Class II Leakage Current	1mA
Cord Extension Sets Leakage Current	1mA
RCD Test, 30mA RMS	<300ms
Power Source	6 x AA NIMH Rechargeable Batteries
	240V AC Mains Power for leakage tests

Test Tag Specifications	
OPTIMA Printer	
Tags	Continuous Roll
Size	100mm x 50mm
Material	Durable Synthetic
Adhesive	Permanent
Tag Colours	Yellow, White, Red
	Blue, Green, White
Tags Per Roll	250

* Charger and rechargeable batteries included as standard

SEAWARD	RESULTS DISPLAYED
Primetest 300	
Polarity	Pass/Fail
Earth Continuity	Pass/Fail/Value
Insulation Resistance	Pass/Fail/Value
Class I & Class II Leakage	Pass/Fail/Value
RCD Test	Pass/Fail/Value
User Defined Tests/Routines	Pass/Fail/Values

No more connection cables! The BCS-Blue bar code scanner connects to the Primetest 300 via wireless Bluetooth technology.

BCS-Blue Scanner	Features
BCS-Blue Scanner	
Interface	Bluetooth
Dimensions	112 x 74 x 1800mm
Weight	226.8g
Power Source	Lithium-ion Rechargeable
Enclosure	Drop Resistant

