Seaward ProTag OPTIMA

The Next Generation Testing and Tagging System: Wireless, Light Weight, Battery Powered, with Data Logging of All Types of Inspections.

- Optima System - Seaward PrimeTest 300, Optima Printer & Bar Code Scanner
- Appliance & RCD Testing, Tag Printing and Data Logging of Inspections
- No Interface Cables - Wireless Connections Using Bluetooth Technology
- Light Weight - Complete System Weighs Around 2kg
- Battery Powered - For Maximum Mobility

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

The Optima System is a next generation solution that combines the latest handheld instrument and wireless communications technology to provide the ultimate in portability and eliminating the need for connection cables between the appliance tester, tag printer and scanner.

Testing & Tagging System
The ProTag™ Optima System comprises of the Seaward PrimeTest 300 appliance and RCD tester, ProTag Optima test tag printer and the BCS-Blue bar code scanner.

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

Risk Assessments & Data Logging
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.

Battery Powered & 2kg Weight
Each component in the Optima System is battery powered and together the system weighs around 2kg. Whether testing constructon sites, workshops or factories, the Optima System's portability provides the most flexible testing and tagging solution, guaranteeing greater efficiency, huge time savings and a lower cost per test.

No Interface Cables
The Optima test tag printer and BCS-OPT bar code scanner connect to the Primetest 300 via wireless Bluetooth technology, eliminating connection cables and providing users with complete mobility.

ProTag™ OPTIMA

PrimeTest 300 ...Your Complete Solution

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.

Seaward	Features
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	Tests Performed
PrimeTest 300	
Lead & Socket Polarity	Yes
Earth Continuity & Continuity	200mA, 1ohm
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

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 & II Leakage	Pass/Fail/Value
RCD Test	Pass/Fail/Value
User Defined Tests/Routines	Pass/Fail/Values

OPTIMA ...Test Tag Printer

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

OPTIMA Printer	Features
OPTIMA Printer	
Print Method	Thermal Direct
Print Resolution	203dpi
Memory	2MB Flash RAM
Interfaces	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 resistant to multiple drops of up to 1.5m

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

BCS-OPT ... Scanner

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

BCS-OPT Scanner	Features
BCS-Blue Scanner	
Interface	Bluetooth
Dimensions	40 x 96 22mm
Weight	50g
Power Source	2 x AAA, Up to 30 days operating time
Enclosure	Drop resistant

For more information visit our website
www.protag.com.au SEAWARD ELECTRONIC LTD.