

ProTag Optima

Best Value, Fully Portable Data Logging and Tag Printing System



- Optima II System - Seaward PrimeTest 300 & Optima Printer
- 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
- PATGuard PRO Asset Management Software

The ProTag™ Optima II System is Australia's best value 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 PATGuard PRO software.

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 construction 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 connects to the Primetest 300 via wireless Bluetooth technology, eliminating connection cables and providing users with complete mobility.



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 II printer without cables.

Seaward	Features
PrimeTest 300	
Display	Bright LCD
Indication	Pass/Fail, Reading
Operation	Alpha-numeric Keypad
Interface	Bluetooth/USB Adaptor
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

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

ProTag Optima - Options

ProTag Optima II	Features
ProTag Optima II	
BCS-OPT	Bar Code Scanner
PAC-3P	3 Phase Earth & Leakage Adaptor
TPI Series	3 Phase Insulation Test Adaptors
OPT-CASE	Hard Type Transit Case



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

PATGuard PRO - Software

Professional level reporting and asset history software. Automatically generates customer and test history database guaranteeing accountability and data reliability.

PATGuard PRO	
Automatic record generation	
Icon style display easy to navigate	
Drag & Drop asset management	
Network enabled	
Automatic asset re-location	
Full test history per asset maintained	
Asset tracking and asset management	

For more information visit our website

www.protag.com.au