

# SafeCheck 8

## Bench-mounted automatic safety tester

The SafeCheck 8 offers a slick and easy way for electrical safety tests to be carried out on Class I and Class II tools and equipment as well as IEC extension power cords within the hire and rental sectors.

This bench-mounted tester incorporates automatic test sequences and can be used with a barcode scanner for further productivity improvements.

Test results are clearly displayed on the large LCD screen whilst the internal memory ensures up to 5000 results are stored for traceability. If used in conjunction with the Desk Test n Tag printer, pass and fail labels can be printed with ease.

UK and international variants available.

### Key Features

- Class I, Class II and IEC power cord tests
- Bench-mounted and easy to use
- Storage of test results
- Link to a printer and scanner for fast and traceable testing

### Ideal For

- Hire and rental sector
- Service engineers

### Electrical Test Functions

- Earth/Ground Bond Testing
- AC Dielectric Strength (flash/hipot)
- Insulation Resistance
- Earth/Ground leakage
- Touch Leakage



[www.seaward.co.uk/hire](http://www.seaward.co.uk/hire)

For USA, Canada and Mexico enquiries Tel: +1 (813) 886 - 2775

For all other enquiries Tel: +44 (0) 191 587 8741

Email: [sales@seaward.co.uk](mailto:sales@seaward.co.uk)

## Technical Specifications

### Flash/Hipot Test (Class I)

Test Voltage Class I	1.25kV AC
Display Range	0.1 - 10mA AC
Resolution	0.01mA
Accuracy	+/- 5% +/- 2 digits
Pass Levels	Selectable up to 10mA

### Flash/Hipot Test (Class II)

Test Voltage Class II	2.5kV AC
Display Range	0.1 - 10 mA AC.
Resolution	0.01mA
Accuracy	+/- 5% +/- 2 digits
Pass Levels	Selectable up to 10mA

### DC Insulation Test

Test Voltage	250/500V
Display Range	0.1 - 99.99M $\Omega$
Accuracy	+/- 5% +/- 2 digits (up to 19.99M $\Omega$ )

### Earth/Ground Bond Test

Test Voltage	6VAC (open circuit)
Test Current	25A, 10A, 4A, 100mA AC into short circuit
Range	0.04 $\Omega$ - 20 $\Omega$
Resolution	1m $\Omega$
Accuracy	+/- 5% +/- 2 digits
Pass Levels	User selectable

## General Specifications

Dimensions	450 x 410 x 155mm / 17.7 x 16.1 x 6.1" (w x h x d)
Weight Approx	8.8kg / 20lbs

### Electrical

Supply Voltage	Selectable 115V / 230V 50 or 60Hz
Operating Temperature	0°C to +40°C
Storage Temperature	-10°C to +50°C
EN50191	Compliant when used with appropriate accessories

### Standard Accessories (supplied with SafeCheck 8)

HT probe  
3 pin guard link connector  
Earth bond clip  
Instruction manual  
Calibration certificate

### Optional Accessory Kit

#### SafeCheck 8 Solutions Package Kit Includes:

SafeCheck 8  
Desk Test n Tag printer  
Barcode scanner  
1000 white labels  
Beacon  
Ink roll  
PATGuard 3 1 year licence

### Substitute Leakage (Short to Case Test)

Test Voltage	40VAC o/c
Display Range	0.1 - 20.0mA AC
Resolution	0.01mA
Accuracy	+/- 10% +/- 2 digits (1.00 - 20mA)
Pass Levels	Selectable up to 15mA
Earth Leakage	

### Earth Leakage

Display Range	0.1 - 20.0mA AC
Resolution	0.01mA
Accuracy	+/- 10% +/- 2 digits (1.00 - 20mA)
Pass Levels	Selectable up to 10mA

### Power/Run/Load Tests

Resolution	0.01kVA
Measured Load	0 - 4kVA
Accuracy	+/- 10 of reading, +/- 2 digits

### IEC Power Cord Test

Test Voltage	40VAC
Detects	Good, Open, Short, Reversed

### Optional Accessories

Barcode scanner (194A922)  
Desk Test n Tag printer (supplied with 100 x 50mm labels) (312A916)  
Desk Test n Tag printer (supplied with 35 x 45mm labels) (312A973)  
Three phase adaptor (3PHA)

### PATGuard 3 Elite software

Download your 30 day free trial at [www.seaward.co.uk/PG3trial](http://www.seaward.co.uk/PG3trial)

### Services

1 year warranty (subject to product registration with Seaward.  
Visit [www.seaward.co.uk/register-product](http://www.seaward.co.uk/register-product))

Go to [www.calibrationhouse.com](http://www.calibrationhouse.com) or  
[www.seaward-groupusa.com/service-center](http://www.seaward-groupusa.com/service-center) for more information  
about our services and calibration

### Part Numbers

SafeCheck 8	SC08
SafeCheck 8 Solutions Package	SC08 Pack

[www.seaward.co.uk/hire](http://www.seaward.co.uk/hire)

For USA, Canada and Mexico enquiries Tel: +1 (813) 886 - 2775

For all other enquiries Tel: +44 (0) 191 587 8741

Email: [sales@seaward.co.uk](mailto:sales@seaward.co.uk)