

# SAFECHECK 8

Bench Mounted Comprehensive Tester for  
the Service and Rental Industry



This tester is ideal for use in the hire and service industry.

SafeCheck 8 is a bench-mounted instrument for those who need a comprehensive tester with memory which can provide result traceability.

Operators can select one of the following tests from its clear user interface: Class I, Class II, IEC Extension Power Cord.

Equipment and tools are automatically sequenced through the test routine. The results are recorded, and information is displayed on a large clear LCD screen.

In order to eliminate potential data entry errors and to speed up the test process, the tester can also be used with a barcode reader which scans in the equipment's ID number.

SafeCheck 8 is outstanding value for money and helps you meet your safety obligations while you improving productivity.

## Key Features

- Earth / Ground Bond Test
- DC Insulation Resistance
- Leakage Test
- IEC Cord Test
- Power / Run Test
- Storage of test results
- Predefined and custom test sequences
- Link to a printer and scanner for fast and traceable testing

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## SPECIFICATION

### Flash/Hipot Test (Class I)

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

### Flash/Hipot Test (Class II)

Test Voltage Class II	2.5 kV 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	500V
Display Range	0.1 - 99.99M $\Omega$
Accuracy	+/- 5% +/- 2 digits (up to 19.99M $\Omega$ )

### Earth/Ground Bond Test

Test Voltage	6V AC (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

### Substitute Leakage (Short to Case Test)

Test Voltage	40V AC 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

Test Voltage	Mains Supply
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

## Optional Extras

### Hardware

194A922	Barcode scanner
312A912	Desk Test n Tag printer
3PHA	Three phase adaptor

### Software

352A910	PATGuard Elite 2 - Premier
352A920	PATGuard Pro 2 - Professional
352A930	PATGuard Lite 2 - Entry level

### Services

Service and Calibration

### Order Number

SC08 UK  
SC08 USA

SC08 UK  
Package Includes Test n Tag Printer and labels

SC08 USA  
Package Includes Test n Tag Printer and labels

### IEC Power Cord Test

Test Voltage	40V AC
Detects	Good, Open, Short, Reversed

### ADDITIONAL INFORMATION

#### Mechanical

Dimensions	450W x 410H x 155D mm
Weight	Approx 8.8kg

#### 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

#### Supplied With

HT Probe  
3 pin guard link connector  
Earth bond clip  
Mains lead  
Instruction Manual

#### SafeCheck 8 Solutions package for automation and traceability, includes:

SafeCheck 8  
Desk Test n Tag printer  
Barcode Scanner  
1000 white labels  
PATGuard Lite 2

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