

# B255

## Comprehensive Power Tool & Appliance Safety Tester



Recognised as the industry standard and product of choice for the hire/rental and service/repair industries. The B255's simple and straightforward operation, compact design and comprehensive range of measuring functions make it the leader of its class.

The B255 is recognised as the work horse of the testing industry. It has a strength of construction that makes it ideal for the most arduous environments.

With the ability to perform five different tests, the B255 helps ensure compliance with International standards for Class I and Class II products, including EN60335, EN61029, EN60065, EN50144 and EN 60745.

### Key Features

- The robust workhorse for the rental sector and equipment service departments.
- Simple clear controls.
- Used by thousands of Technicians throughout the world.
- Unsurpassed reliability and value.
- Provides a full suite of electrical safety tests including Earth/ground bond, hipot/flash testing load/run and leakage testing.



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## SPECIFICATION

### AC Flash / Hipot Test

|              |                                   |
|--------------|-----------------------------------|
| Test Voltage | 500V, 1250V AC<br>3000V, 3750V AC |
|--------------|-----------------------------------|

### Earth / Ground Bond Test

|              |                                                   |
|--------------|---------------------------------------------------|
| Test Current | 25A, into 0.1Ω, from 8V AC, 0 – 1 Ω meter display |
|--------------|---------------------------------------------------|

### Earth Leakage Test

|              |          |
|--------------|----------|
| Trip Current | 0 – 10mA |
|--------------|----------|

### Power / Run / Load Test

|              |                             |
|--------------|-----------------------------|
| Test Voltage | 230V 0 – 15A, 110V, 0 – 25A |
|--------------|-----------------------------|

### Features

|               |     |
|---------------|-----|
| Visual Alarm  | Yes |
| Audible Alarm | Yes |

### External Connections

|                  |     |
|------------------|-----|
| Beacon (EN50191) | Yes |
| Guard Switch     | Yes |

## ADDITIONAL INFORMATION

### Mechanical

|        |                       |
|--------|-----------------------|
| Size   | 400W x 180H x 250D mm |
| Weight | 10 kg                 |

### Electrical

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Power                 | 230V 16A 50Hz                                    |
| Operating Temperature | 0-40°C                                           |
| EN50191               | Compliant when used with appropriate accessories |

### Supplied With

HT Probe  
EC Clip Lead  
Output Box  
Fault Simulator  
Test Log  
Guard plug  
Mains Lead  
Instruction Manual

## Optional Extras

### Hardware

|             |            |
|-------------|------------|
| 03918/2     | HT Probe   |
| 41510       | EC Clip    |
| 48319       | Mains Lead |
| B255-2005   | Outlet Box |
| Y250        | Simulator  |
| CON965/LINK | Guard Plug |

### Services

Onsite or return to base  
Service  
Calibration

### Order Number

B255



# SEAWARD GROUP

WORLD LEADERS IN SAFETY TEST AND MEASUREMENT

Seaward test and measurement companies include:

**CLARE**  
INDUSTRIAL SAFETY INSTRUMENTS

**CROPICO**  
PRECISION INSTRUMENTS

**RIGEL**  
MEDICAL

**SEAWARD**  
PORTABLE ELECTRICAL SAFETY INSTRUMENTS