

Instruction Manual

Earth 4 Sure Monitor

(E4SURE)



Registered at Cardiff No. 2933918

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Introduction

Thank you for purchasing an Earth 4 Sure Monitor. Please read this instruction manual in great detail before operating the device. Keep this manual readily accessible for later reference.

Description

The Earth 4 Sure Monitor is a unique and compact tester that quickly checks to see whether an anti-static wrist strap is working correctly while also simultaneously confirming the Earth is present working in collaboration with the IEC 61340-5-1 specifications. The Earth 4 Sure can be fitted underneath a workbench. It is suitable for use at workstations within an Electrostatic Protected Area (EPA). This product is assembled at Bondline and manufactured in the UK. E4Sure can be powered by a 9-volt PP3 alkaline battery.

Testing Guidance

When testing, the operator simply connects their ESD wrist strap to the tester via the 4mm banana plug socket or 10mm stud. To test, make finger contact with the stainless washer and push the button then "press to test". A green LED will illuminate for PASS or the red LED will illuminate for FAIL. An audible buzzer will sound if the red fail LED illuminates.

If the resistance through the wrist band and person exceeds 35 meg ohms, the high red fail LED will light. If the resistance is below 750 kilohms, the low red fail LED will light. If the 9-volt PP3 battery falls below 6.5 volts during the test, the yellow battery low LED will light. E4Sure can be powered by a 9-volt PP3 alkaline battery.