WST3 Footwear / Wrist-Strap Testing Station

Version: 1
Version date: 16/06/23

DESCRIPTION

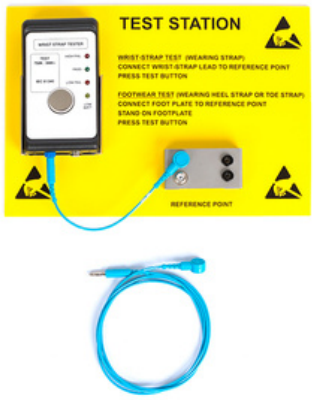
WST3 ESD Footwear / Wrist Strap Test Station is the full station, supplied with a WST1 meter, wall mounting board, 6 inch cord (0 meg ohm), 6ft cord (0 meg ohm), footplate and 9V battery. This unit checks the continuity of fitted anti-static wrist-straps and cords, fitted shoes, heel straps or toe grounders.

The WST1 meter has a banana socket and 10mm stud. The unit has a single test range of 0.75 meg-ohm to 35 meg-ohm, meeting the IEC 61340-5-1 specification (other resistance ranges available on request). The instrument has a green light for PASS (i.e. resistance between 0.75 meg-ohm and 35 meg-ohm) and 2 red lights which indicate either HIGH resistance fail or LOW resistance fail. A buzzer sounds in any fail situation. The test station is easy to use and can be mounted to any wall with ease. The footplate can be connected to the test station via the 6ft cord. Full instruction guide and calibration certificate supplied with each unit.

Calibration is recommended annually. A full calibration service can also be requested. Customised logos and resistance ranges available on request. The product is CE approved.

FEATURES & BENEFITS

- Supplied with WST1 meter, wall mounting board, 6 inch cord (0 meg-ohm), 6ft cord (0 meg-ohm), footplate and 9V battery.
- WST1 meter has a banana socket and 10mm stud
- Dimensions of tester: 130mm x 70mm x 25mm
- Single test range of 0.75 meg-ohm to 35 meg-ohm
- Yellow backing board with black text
- Very easy to use
- Each unit is supplied with 1 year calibration certificate – calibration required annually
- Manufactured to the very highest quality allowing qualification to council directives 89/336/EEC
- ESD Susceptibility Symbol printed on backboard
- Compliant to IEC 61340-5-1, CE, UKCA, RoHS and REACH standards



TESTING GUIDE

When testing, the operator simply connects to the test via the 4mm banana plug socket or 10mm stud. To test, make finger contact with the stainless steel push button, and "press to test". A green LED light will illuminate for PASS or the red LED light will illuminate for FAIL. An audible buzzer will sound if the red fail LED illuminates. If the resistance through the coil cord, wrist band and person exceeds 35 meg ohms, the red fail LED will light. If the resistance is below 750 kilohms, the 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.

To test footwear, ensure that the wrist strap has been disconnected. Ensure that the footwear or foot grounding device is correctly fitted. Place one foot onto the footplate and make finger contact with the stainless steel push button and press firmly. A green LED will illuminate to indicate a pass. If the resistance through the footwear and operator exceeds 35MΩ the "HIGH FAIL" red LED will light and a buzzer will sound. If the resistance through the footwear and operator is below 750KΩ the "LOW FAIL" red LED will light and a buzzer will sound. If the 9 volt PP3 battery falls below 6.5 volts during test the yellow battery low LED will light. Repeat for the other foot.

PRODUCT INCLUDES

WST3 ESD Wrist Strap Test Station includes: WST1 meter, wall mounting board, 6 inch cord, 6ft cord, footplate and 9V battery.

Email: sales@solderconnection.co.uk | Tel: +44(0)1291 624 400

TECHNICAL PROPERTIES

Power Supply:	9 volt PP3 alkaline battery
Temperature Range:	Operating 5°C to 49°C (40°F to 120°F) Storage -15°C to +60°C
Relative Humidity:	0% to 90% (non-condensing)
Accuracy:	+/- 10%
Repeatability:	+/- 10%
Weight:	350g
Dimensions:	130mm x 70mm x 25mm
Lower Limit:	750k +/- 10%
Upper Limit:	35 Meg +/- 10%