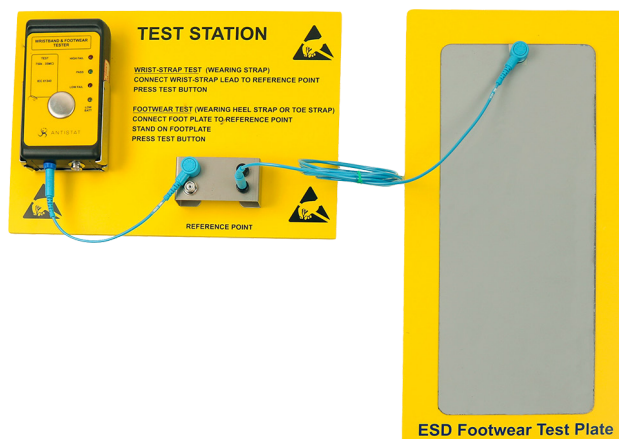


## PRODUCT

# Complete Test Station Kit

## TECHNICAL DATASHEET



## DESCRIPTION

This ESD test station has been specifically developed to provide a quick and simple means of testing both wrist straps and footwear prior to entering an ESD protected area.

Designed to measure both high and low fail and pass functions. Testing is achieved with a simple 'one touch' function.

## FEATURES

- Quick and simple 'one touch' test function
- Low battery indicator to indicate battery replacement
- Powered by a 9 volt PP3 alkaline battery
- This product is CE approved
- Footplate included

PRODUCT CODE	DESCRIPTION	INCLUDED
093-0019	Complete Test Station Kit	1x wristband tester 1x wall mount 1x footplate 1x 6in straight lead 1x 6ft straight lead 2 x crocodile clip 1x 9v square battery

## SIZING

PART	SIZE (METRIC)	SIZE (IMPERIAL)	NOTES
Wrist Strap Tester	130mm x 70mm x 25mm	5.1in x 2.8in x 1in	1 x 10mm male stud & 1 x banana socket
Wall Mount	210mm x 300mm	8.3in x 11.8in	2 x 10mm male stud & 2 x banana socket
Footplate	399mm x 200mm	15.7in x 7.9in	1 x 10mm male stud
Straight Lead (0 meg-ohm)	152mm	6in	10mm female stud - banana plug
	1.8m	6ft	
Square Battery	-	-	9V

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## SPECIFICATIONS

SPECIFICATIONS	RESULTS
Power Supply	9 volt PP3 alkaline battery. (PSU-02 9 volt 100mA UN-regulated)
Test Voltage	Nominal 9 volts-stepped to 100 volts
Temperature Range	Operating 5°C to 49°C Storage -15°C to +60°C
Relative Humidity	0% to 90% (non-condensing)
Accuracy	+/- 10%
Repeatability	+/- 10%
Weight	150g

## TEXT CONTENT

### Wrist Strap Tester (a)

#### “WRISTBAND & FOOTWEAR TESTER” \*

\*For further text content, see the user guide on the next page

### Wall Mount (b)

#### “TEST STATION”

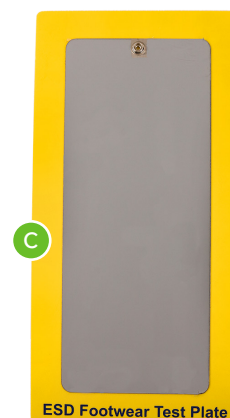
**WRIST-STRAP TEST (WEARING STRAP)**  
CONNECT WRIST-STRAP LEAD TO REFERENCE POINT  
PRESS TEST BUTTON

**FOOTWEAR TEST (WEARING HEEL STRAP OR TOE STRAP)**  
CONNECT FOOT PLATE TO REFERENCE POINT  
STAND ON FOOTPLATE  
PRESS TEST BUTTON

REFERENCE POINT”

### Footplate (c)

“ESD Footwear Test Plate”



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## USER GUIDE

A unique checker that measures the resistance of wrist straps and if foot plate is also connected, tests footwear.

### Set Up

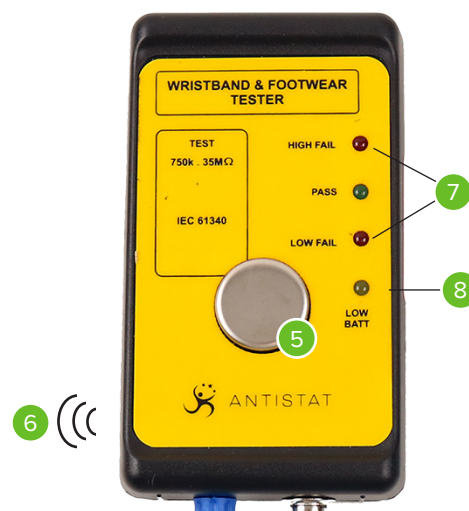
1. Start off by connecting the shorter 6in lead to the tester by inserting the banana plug into the blue socket at the bottom.
2. Connect the 10mm stud of this 6in lead to the metal plate above "REFERENCE POINT".
3. Connect the 6ft lead to the same plate by inserting its banana plug into one of the black sockets.
4. Either connect **a)** the footplate or **b)** a securely fitted wriststrap via the 10mm stud of the 6ft lead.\*

*\*Only test footwear or wrist strap at one time. Testing both at the same time will compromise the test.*

### Testing

5. To test, make finger contact with the stainless steel push button, and "press to test". A green LED will illuminate for "PASS" or the red LED will illuminate for "HIGH FAIL" or "LOW FAIL".
6. An audible buzzer will sound if either red fail LED illuminates.
7. If the resistance through the coil cord wrist strap and person exceeds 35 meg ohms the high fail LED will light, if the resistance is below 750kΩ the low fail LED will light.
8. If the 9 volt PP3 battery falls below 6.5 volts during test, the yellow LED, "LOW BATT", will light up.

**Note:** Test both foot grounders, one at a time, for a fully accurate test.



TECHNICAL PROPERTIES	RESULTS
Lower Limit	750kΩ +/-10%
Upper Limit	35Meg +/-10%
Power	9V alkaline battery

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