

Specification

Wrist Strap Tester_001-0171

Thank you very much for purchasing our products, please read the manual in its entirety before use.

01 > Product Picture



02 > Safety

- Do not disassemble the product without permission
- Do not use in dangerous environment(such as flammable and explosive)
- Do not use in place with plenty of oil or water,High temperature and humidity

03 > Industry Standard and System Certificate

- Comply with ISO/CD8782-I certification
- Comply with the limit request of ANSI/ESD S20.20 on calibration test for wrist strap/human body system resistance
- Comply with the request of ANSI/ESD S1.1 on auditing test for wrist strap/human body system resistance
- Comply with the request of ANSI/ESD TR53 on periodic verification method for wrist strap/human body resistance
- Comply with the limit request of IEC 61340-5-1 on periodic verification test for wrist strap/human body resistance
- Comply with limit request of GJB3007A-2009 on periodic verification test for wrist strap/human body resistance

04 Features

- Test the continuity of the grounding system between wrist strap and human body
- Convenient for usage, operator doesn't need to remove wrist strap to test the continuity
- LED light indication and sound indication
- LED yellow light(HI) and audible alarm indicates wrist strap continuity exceeds the upper limit
- LED red light(LO) and audible alarm indicates wrist strap continuity exceeds the lower limit
- LED green light(OK) indicates wrist strap continuity normally
- Test range is set to 800K-10M at the factory and can be adjusted upon request
- The test voltage is 9V DC, and there is no discomfort in the human body
- Low voltage display on the battery to prompt replacement
- Reasonable design and simple appearance

05 Specification

Wrist strap test	Single wrist strap
Display mode	LED light
Power mode	9V battery
Operation environment	10°C-40°C, RH<90% indoor use
Wrist strap upper and lower test limit	800K Ω ~ 10M (factory preset)
Accuracy	+10%
Material	ABS
Body size	90mm x 70mm x 30mm (LxWxH)
Weight	84 g
Low voltage alarming setting	6.5 V

06 Function

LED Indication

LED indication light	Test range	LED light status
OK (green)	800K Ω ~10M Ω	ON
HI (yellow)	>10M Ω	ON+Alarm
LO (red)	<800K Ω	ON+Alarm
LOW BATT (red)	<6.5 V	ON+Alarm

Wrist strap socket

- 1 ea single wire wrist strap socket

Test contact pad

- Press the metal contact pad by your fingers, as shown in the figure, the tester will start measuring the resistance; measuring time around 1-2 sec, fingers can't leave the metal contact pad before measuring is finished.



07 How to Use

- Wear single wire wrist strap and connect the banana plug into wrist strap socket
- Press the metal contact pad and tester can be used
- Green LED light indicates wrist strap continuity OK
- Red LO or yellow HI LED light flash and comes with audible alarm, operator should check wrist strap

08 Notice

- Gently press the test button, do not press under gravity
- Humidity and temperature will directly affect the electrical resistance characteristics of the tested human body
 - a. Under low temperature and humidity, the resistance of the human body will significantly increase and the testing time will increase. Therefore, in winter, due to factors such as human skin is dry and decreased conductivity, the upper limit of resistance may exceed during testing
 - b. Under high humidity, the surface of an object condenses or adsorbs a thin layer of water film. This hygroscopicity enhances the conductivity of the tested object, resulting in test values sometimes exceeding the lower limit of resistance.

09 > Warranty

ESDMAN product have passed strict factory inspection. In case of failure, please contact our ESDMAN team and provides details of the failure.

Warranty

- 12 months from the date when products arrived at the buyer's place.

Coverage

- This product is inspected by ESDMAN QC, when it is in normal use within the warranty period, if it is damaged or fails due to poor design and manufacturing, free maintenance could be provided.

Out of coverage

- Metal contact pad, socket and ground wires belong to the loss part and are not covered by warranty.
- Damage, breakage or failure due to abnormal use
- Failure caused by modification or disassemble of maintenance not from ESDMAN
- Failure caused by fire, natural disaster, flood, earthquake and other natural irresistible factors.
- Failure caused by abnormal voltage etc external factors

10 > Package Include

Part Included List

Tester	1 ea	Battery (domestic only)	1 ea
User Manual	1 ea	Factory test report	1 ea