

# Specification

Workstation Monitor\_001-8103

Thank you very much for choosing our company's products. Please read this manual carefully before operation.

## 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 under high temperature and humidity.

## 03 Industry Standard and System Certificate

- 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

- Real time monitor the system resistance of dual wire wrist strap and table mat
- Monitor doesn't have close down function,when connect power adapter,monitor ground wire,wrist strap and table mat for testing
- When dual wire wrist band connect to monitor and worn abnormally,HIGH red light flash and comes with audible alarm
- When dual wire wrist band is not connected to monitor,monitor is in stand-by status and without any indication light and audible alarm.
- When dual wire wrist band is broken or poor contact,HIGH red light flash and comes with audible alarm.
- Monitor 2 dual wire wrist straps and 1 table mat simultaneously.
- Independent remote box is more convenient to install and use.
- Wrist strap alarm lower limit:1.1/1.5M,upper limit:10M/35M(factory preset  $1.1M < R < 35M$ ,test range can be customizable)
- Table mat alarm limit:3.6M(factory preset,test range can be customizable)
- Accuracy :  $\leq 10M \pm 10\%$ ,  $> 10M \pm 15\%$
- When the test of dual wire wristband exceeds the upper or lower limit, the corresponding High/Low LED red light will light up and comes with audible alarm at the same time.
- When ESD table mat failed test,LED red light flash and comes with audible alarm at the same time.
- Beautiful appearance, strong anti-interference ability.

## 05 Specification

Wrist strap test	2 dual wire wrist straps
ESD table mat test	1 table mat
Alarm indication	LED indication(green:OK, red:abnormal+alarm)
ESD table mat alarm limit	The green light is on $< 3.6M$ , otherwise the red light is on accompanied by an audible alarm (factory preset)
Wrist strap alarm limit	$1.1M < R < 35M$ (factory preset)
Power supply	Power adapter:AC100~240V 50/60Hz; DC 12V; 200mA
Monitor body size	130×105×36mm (L×W×H)
Operation environment	0°C~60°C indoor use

## 06 Installation

- Open the package box and find out the screws to install monitor at any convenient place of the workbench.
- Connect monitor ground wire to factory ground(monitor ground wire and table mat connection cord shares a two port)
- Connect table mat cord to workbench,table mat LED green light will flash;Please check table mat is in good contact or not when LED red light on and sound an alarm and also check whether the monitor is grounded or not(grounding is important)
- The dual wire wristband remote box is connected to the monitor through a matching network cable.
- Insert dual wire wrist strap into remote box wrist strap socket and wear normally,dual wire wrist strap corresponding LED green light flash;If red light on and alarm,the dual wire wrist strap should be checked for good contact with the monitor.
- Monitor 2 dual wire wrist straps simultaneously.

## 07 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

- 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

## 08 Package Include

### Part Included List

Monitor	1 ea	Power adapter	1 ea
Remote box	1 ea	Connecting cord	2 ea
Screws	6 ea	Remote box connecting cord	1 ea
User manual	1 ea	Test report	1 ea