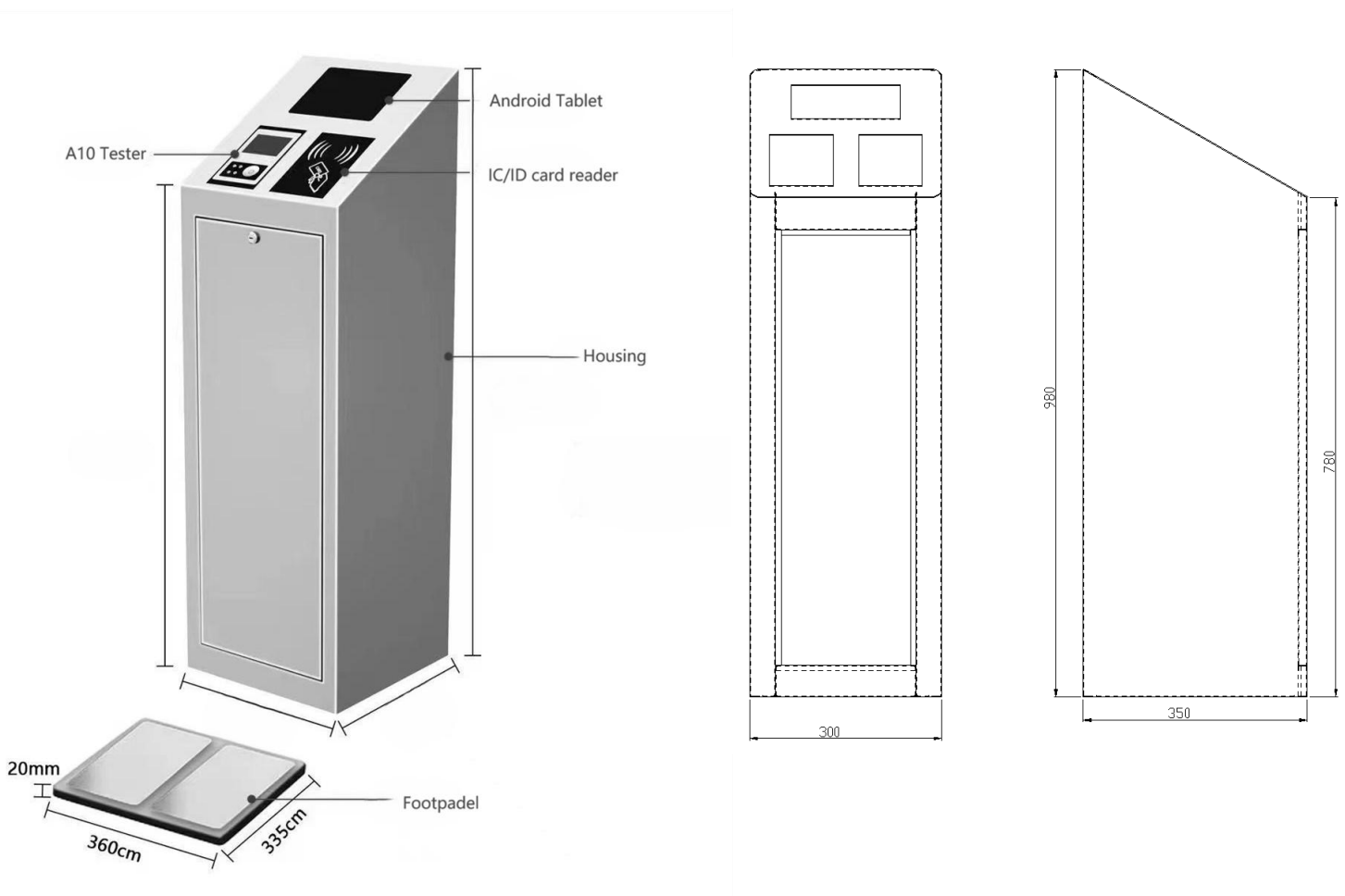


CP-1esd ESD ACCESS CONTROL SYSTEM



Designed specifically for industries with stringent ESD protection requirements, such as electronics manufacturing, semiconductors, and pharmaceuticals, this system integrates comprehensive human body ESD testing with identity verification and access control, achieving integrated "detection + access" management to eliminate ESD risks at the source.

Dual-Module Precise Detection: Equipped with a professional CP-1esd ESD tester, it can quickly test the effectiveness of protective equipment such as wrist straps and anti-static shoes; combined with a high-precision foot pedal, it simultaneously completes comprehensive human body resistance testing, providing accurate and reliable data to ensure that every person entering the clean area meets ESD standards.

Intelligent Identity Verification: A built-in IC/ID card reader supports multiple identity verification methods such as card swiping. It automatically records personnel information, test results, and access time, achieving precise binding of personnel and data for easy traceability and management.

Visual Intelligent Interaction: An integrated Android tablet on the top provides a high-definition touch interface that displays the testing process, result judgment, operation guidance, and data statistics in real time. The operation is intuitive and easy to understand, significantly reducing personnel training costs.

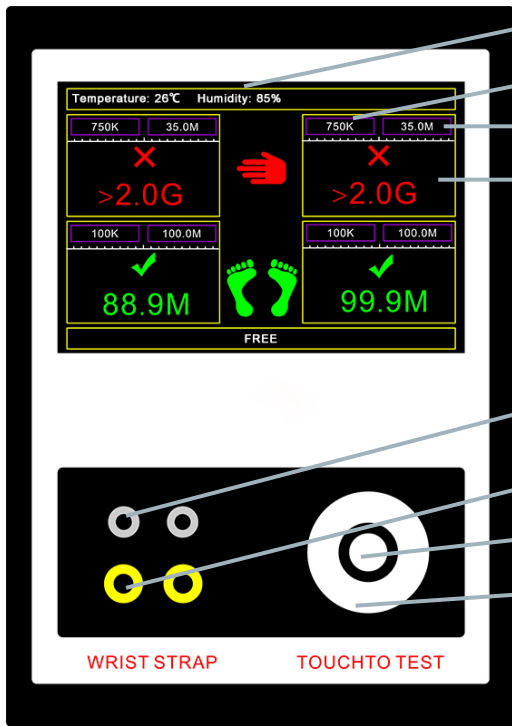
ESD TESTER PARAMETERS

Working voltage	Input DC9V1A	
External dimensions	115mm*175mm*28.5mm	
Gate opening size	Width 99.4mm * Height 159.4mm	
Working hours	Unlimited	
Environmental conditions	Humidity	0%~90%
	Temperature	-20C°~ 60C°
Display	3.5-inch resistive touchscreen	
Instrument interface	With single and double circuits	
Protection measures	Semiconductor lightning protection	
Sensing speed	Fast swiping response, less than 0.1 seconds, and less than 1 second between repeated swipes	
Input interface	Standard Wiegand card reader 34/26 (RS232 input mode can be customized)	
Output interface	RS232 communication	
Working Status	Test Status: The ICD screen shows the resistance value of the wrist strap and the electrostatic shoes at the factory	
Factory default resistance range (touch screen to enter the menu to adjust the resistance test arbitrarily)	Wrist strap	750KΩ~35MΩ
	Static shoes	750KΩ~100MΩ

8 INCH DISPLAY PARAMETERS

RK3568, chipset, operating at 2.0Ghz; 64-bit quad-core ARM Cortex-A55; Dual-core Vudeocore IV coprocessor		
802.11B /G/N wireless LAN; Supports Bluetooth 4.1 and wifi		
Support the latest version of Android 11/ Debain 11 operating system		
Memory	2G	
Hard Disk Drive	16G	
Power connector	2.0A power supply	
Environmental conditions	Humidity	0%~75%
	Temperature	-20C°~ 60C°
100M Ethernet port	3.5-inch resistive touchscreen	
Two USB2.0 ports	With single and double circuits	
One 232 serial port	Semiconductor lightning protection	
Resolution	Maximum support: 1920*1080	
Shell material	High cooling aluminum	

STRUCTURE AND COMPOSITION



Temperature and humidity display area

Set range value high resistance

Set range value Low resistance

Display the resistance value tested

Single-loop jack

Dual-loop jack

Touch test module

Touch to release static electricity, and the ground wire is required

ESD tester



Device IP address display area

Employee photo display area

Test items and resistance value results

Card number display area

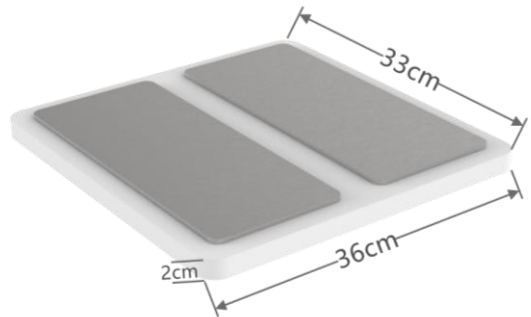
Device number display area

8 inch display



RFID card reader

Optional. Clients can use their own readers.



Foot pedal upgrade

All the wiring screws are placed inside the pedals. Moisture-proof, waterproof, drop-proof, shielded, anti-interference, more accurate testing.

MAIN FUNCTIONS OF THE SYSTEM

- Support simplified and traditional Chinese and English **3 languages**, choose any language, you can also customize to add other languages.
- **Real-time display** of test resistance value, visual display of icons, swiping card, etc., automatic data collection.
- Support full-screen record display, support live voice broadcast.
- **Test wrist strap** (support single loop/dual loop/cordless).
- **Test static shoes** (support single foot test and double foot test).
- The **test range range** can be written freely by the computer, and the range range value.
- **Integration of test + swipe card + display**, the integration of stainless steel and acrylic.
- Can coordinate with the **time and attendance software**, the database of the time and attendance software and the database of the ESD system software must be on the same computer.
- The **data sheet** provides import and export functions; it is convenient for customers to process work.
- The software automatically synchronizes the time, and the **personnel list is automatically synchronized** to the ESD equipment in real time.
- Support multiple **report export**, list of unswiped cards, test records divided into left foot, right foot, wrist, etc.
- **Data update** can be selected arbitrarily, the speed is stable, and the operation is free.
- The database can be connected with other software to support **real-time management** and monitoring of multiple users and multiple computers.
- Record Dual-storage devices can store 1000W offline records, 100W card numbers, and 30,000 photos

