



ESD Tripod Turnstile MT116-ESD Brochure

Designed By Mairsturnstile

Provide high-quality security turnstile solutions for global customers

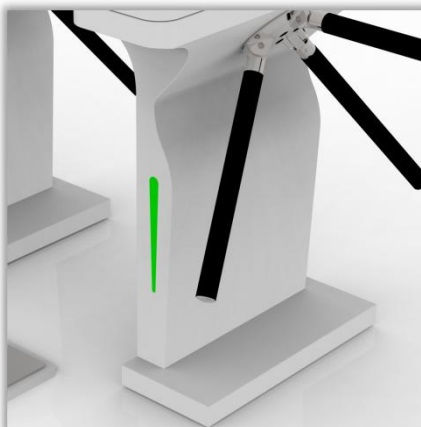


ESD Turnstile Gate MT116-ESD

Customization / Wholesale / Design / Production / OEM



The ESD turnstile gate system is a system that combines electrostatic test equipment(ESD Tester, ESD wristband, ESD wrist strap, ESD shoes), an ESD turnstile, and ESD system management software(free). It is mainly used for personnel access management in electrostatic protection areas (EPA) such as electronic factories and laboratories.

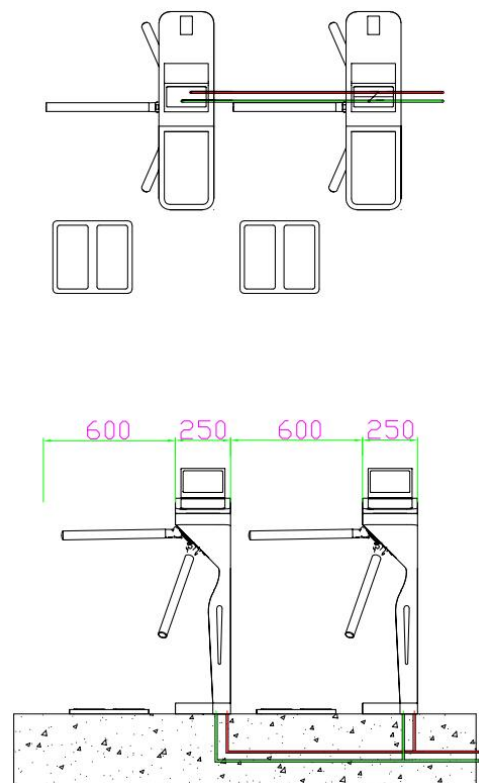
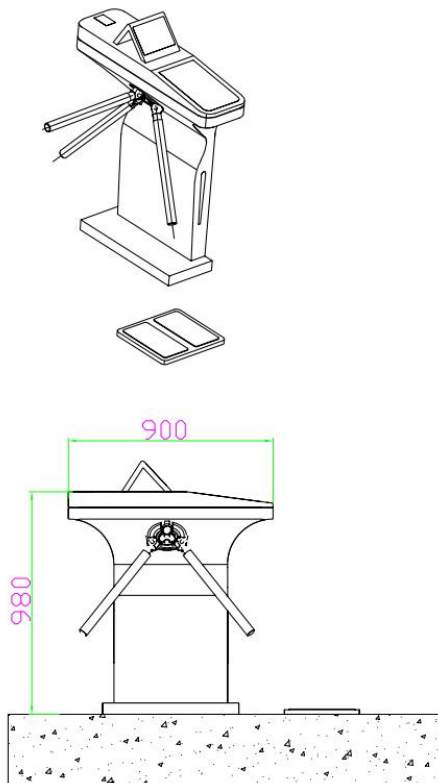


Description

ESD Turnstile with Free Software, Easy to Install & Use, Get premium ESD turnstile gate system with FREE access control software. Easy installation, user-friendly operation, and deep customization options. Professional after-sales support. High-quality tripod turnstile with elegant baking paint finish.



Dimensions



Technical Specifications

Gate Dimension	900*250*980mm (2.95*0.82*3.22ft) (standard)
Frame Material	Iron with Powder coated
Designed	MairsTurnstile
Arm Length	510mm (1.67ft)
Passage Width	550mm (1.80ft) (standard)
Power Supply	100V-240V, 50/60Hz
Mechanism	Semi-automatic
Passage Rate	30-40 person/min
Drive Solenoid	DC 24V
Working Direction	Bi-directional, Unidirectional
Open Signal	Passive Relay (Dry Contact)
Communication	RS232/RS485
Working Temperature	-30°C ~ 60°C
Working Environment	Indoor and outdoor
Emergency	Automatic drop arm after power failure



PASSING SPEED



PASSAGE FOR DISABLE



BI-DIRECTION



POWER SUPPLY



ANTI-TAILGATING



PROTECTIVE LEVEL



The cutout for readers can be customized

Provide us with the dimensions of the card reader/scanner or other access control reader and we will customize the cutout according to its dimensions.



LOGO can be customized

1. Logo can be printed on swing arm, acrylic decorative bar, swipe card window. AI or CRD files required.
2. Logo can be printed on metal nameplates and attached to gates.



Chassis color can be customized

Supports paint coated or galvanized. RGB, RAL or Pantone number required.



Black



Gray



Green



Gold



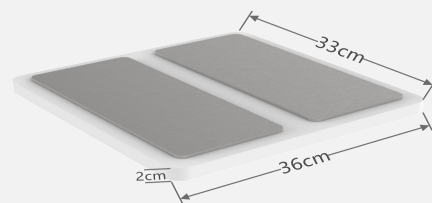
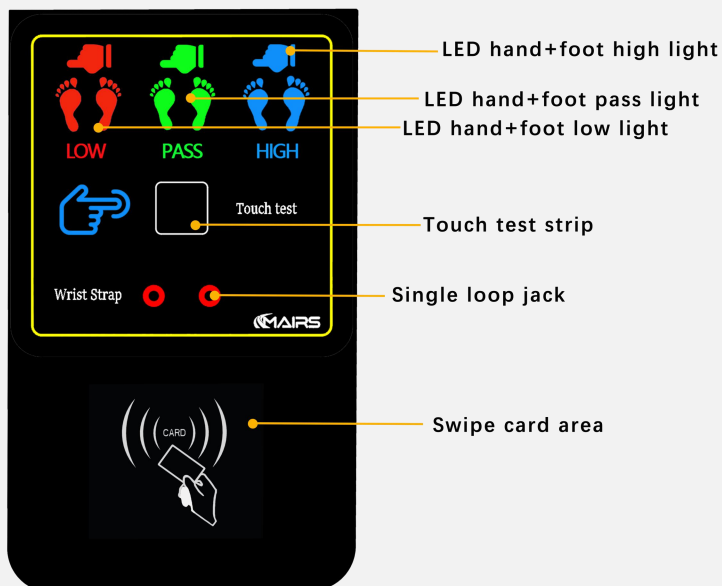
Woodgrain

Other customizable Options

- Gate dimensions can be customized according to the site.
- Material optional: 304 stainless steel, 316 stainless steel, iron with powder coated and galvanized (color can be customized).
- The semi-automatic mechanism can be replaced with a fully automatic mechanism.
- LED lights can be added.
- Mounting base can be added..
- Cutouts can be customized to fit any reader.
- Customized 3D drawings are available based on the site photos.
- OEM&ODM service is available.

ESD Tester Parameters

Working voltage	Input DC12V2A	
External dimensions	175MM*105MM*8MM	
Gate opening size	Width 175mm*height 105mm*R3	
Working hours	Unlimited	
Environmental conditions	Humidity	0%~90%
	Temperature	-20C° ~ 60C°
Instrument interface	Can be connected with single and double circuit, double pedals. It can be operated in a stand-alone machine, and the gate can be opened by test, or you can choose to swipe the card through the network + test the gate, and there is no test record for the stand-alone machine	
Protection measures	Semiconductor lightning protection	
Working frequency	Based on the reader	
Induction speed	Quick response to swiping card, less than 0.1 second, interval between repeated swiping cards is less than 1 second	
Input interface	Standard Wiegand 34/26 (RS232 input mode can be customized)	
Transmission distance	National standard five network cable> 100 meters	
Working environment	Temperature -20°C~60°C, glue filling treatment, waterproof and dustproof	
Working status	Acousto-optic working status, red light power indicator light, green light working running light, green light flashing when swiping card and buzzer sounding, green LED and buzzer can be controlled by external control line.	
Factory default resistance range	Wrist strap	750KΩ~10MΩ
	Static shoes	750KΩ~100MΩ



Foot pedal upgrade

All the wiring screws are placed inside the pedals.

Moisture-proof, waterproof, drop-proof, shielded, anti-interference, more accurate testing.



Linux host Parameters

802.11 B/G/N wireless LAN

Bluetooth 4.1

Dual-core Videocore IV coprocessor

Support all latest versions of LINUX operating system

Memory	2G
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Hard Disk	16G
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Microusb connector 2.5A power supply

1 HDMI video port 1 audio port

1 100m Ethernet port

4 USB2.0 ports 40 GPIO pins

Resolution	Maximum support 1920*1080
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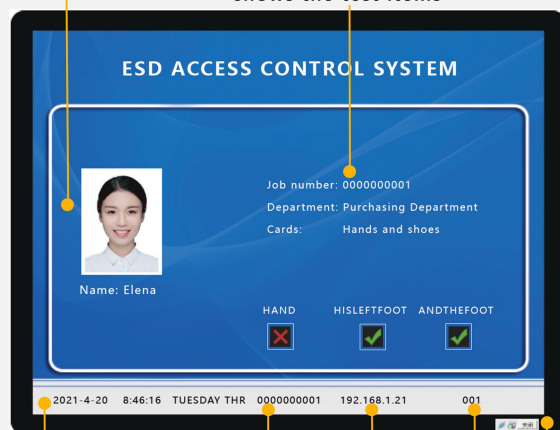
Shell material	Made of aluminum alloy with high heat dissipation aluminum material
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Working environment	-15-60°C 0%-90% relative humidity
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Operating system	LINUX
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Personnel photo display

The 8-inch display screen shows the test items



Device time and date

Device IP address

Physical card number

Device number

Communicate icons with the server

Linux box



Power port

LAN cable port

HDMI cable port



Features

- **LED ALERTS** If the access is granted, the LED will be in green. In standby, the LED is blue.
- **EMERGENCY EXIT** Functionality allows free passage in the event of an emergency. The arm will drop off when power outage. Manually reset when power is restored.
- **WORKING DIRECTION** Single directional or Bi-directional are optional.
- **AUTOMATIC RESET** Arms will lock automatically within 5s (adjustable) if a person delay to access.
- **ANTI-PASS BACK** The turnstile will stay in lock if someone wants to entry in the reverse direction.
- **ANTI-INTRUSION** the gate is locked automatically until a valid open signal is sent.
- **FAST UNLOCK** Once there is a valid signal, the gate will unlock within 0.2s (adjustable).
- **HYDRAULIC DAMPER** Equipped with a hydraulic shock absorber for less noise during operation.
- **MOLD DESIGN** The mechanism is mold design. The components are more precise. It can save more labor cost and easier to assemble.

Standard Components



Turnstile gate
Other models are available.
Support customization.



ESD tester



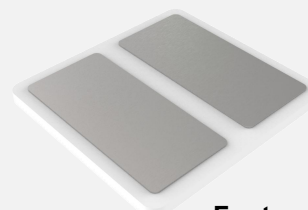
8-inch LCD monitor



RFID card reader
Optional. Clients can
use their own readers.



Linux box



Foot pedal



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.



PASSING SPEED



BI-DIRECTION



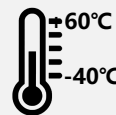
POWER SUPPLY



ANTI-TAILGATING



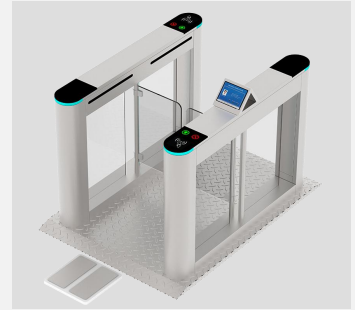
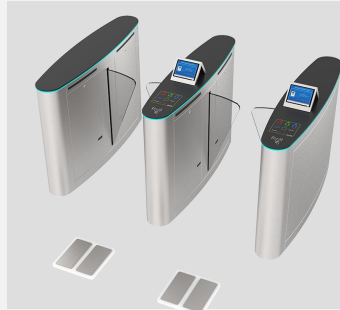
PROTECTIVE LEVEL



TEMPERATURE RANGE

Other Models with ESD System

- * Any gate with a width greater than or equal to 200mm will fit the ESD system. Gate width supports customization.



The MAIRS logo is positioned in the upper left corner of the image. It features a stylized 'M' icon followed by the word 'MAIRS' in a bold, sans-serif font. The background of the entire image is a photograph of a modern pharmaceutical or laboratory facility. In the foreground, two white MAIRS turnstile machines with digital screens and green vertical indicators are visible. Two people in white lab coats are standing near the right turnstile, one holding a tablet. In the background, other lab workers and equipment are visible, creating a professional and high-tech atmosphere.

MAIRS

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