

VT-181 ESD TURNSTILE SYSTEM

The Principle and Function of ESD Access Control System:

1. **Principle:** ESD system turnstile adopts advanced static elimination technology, which releases human static electricity to the ground through the built-in static eliminator, thus avoiding static interference. At the same time, it also adopts high-frequency electromagnetic shielding technology, which can effectively resist electromagnetic wave interference and ensure the stability and reliability of the access control system.

2. **Function:** The ESD access control system can achieve one person per test to prevent tailgating. The ESD turnstile opens the door after the qualified one and does not open the door of the unqualified one, thus avoiding the situation that one person is not tested or multiple people are mixed in when one person is tested.

3. **For Enterprise with Strict ESD Requirement,** the ESD access control system can be used to conduct tests based on different permissions after smart card identification. Different permissions can be assigned to people with different identities. For example, office managers only need to swipe their card and pass the electrostatic test before they can pass the gate.

4. **Three Detection Modes:** According to the accuracy requirements of different occasions, the anti-static management software has three detection modes:

- Test both wristbands and feet
- Test only feet
- ID/IC card or face recognition with the first two detection modes

Technical Data

Dimension	1600 x 240 x 980 mm
Weight	60kg
Material	304 SUS, top cover 1.5mm + cabinet 1.2mm
Pass Width	≤ 550 mm
Drive Unit	DC brushed motor
Input	100-240V; 50/60Hz
Working Voltage	24V
MCBF	5,000,000 cycles
Communication Interface	Dry contact, RS485
Operating Time	0.2 seconds
Pass Rate	30-35 person/minute



Dimension (mm)

