

Footwear Grounding Access Control

Description



Ideal basic equipment for a complete ESD protection concept.

- Footwear testing according IEC 61340-5-1
- Two separate shoe electrodes
- Shoe electrodes included in delivery
- Short response time (approx. 40 tests per minute)
- With acoustic alerts and optical information by LED status display
- Light barrier auto unlocks turnstile exit
- If power blackout, auto unlock of turnstile for escape route
- Panic button for emergency unlock of turnstile

Detailed Information

The System TE 1500 is a turnstile system with integrated ESD footwear tester, compliant with IEC 61340-5-1. Before employees enter an EPA, TE1500 forms them to a line and ensures that only employees with working ESD footwear can enter the EPA.

Due to its low weight and compact dimensions, the system can be positioned flexibly and easily.

For testing the subject steps onto the metal surface of both shoe electrodes (one electrode for each shoe) and presses the test button. The integrated test apparatus now measures the resistance of each shoe. After both shoes have passed the test, a big LED-symbol on the gate switches from a red cross to a green arrow. This indicates the positive test result and that the system has unlocked the turnstile for the subject.

Testing range

HIGH	$R > 100 \text{ M}\Omega$	red LED (alert)
PASS	$R \geq 750 \text{ K}\Omega$	green LED (no alert)
PASS	$R \leq 100 \text{ M}\Omega$	green LED (no alert)
LOW	$R < 750 \text{ K}\Omega$	red LED (alert)

We recommend calibrating the system once a year!

Legend

HIGH limit of standard exceeded
PASS corresponds to limits of standards
LOW below the limit of standard

V0106

Properties

- Weight: 70 kg
- Dimensions: 1200 mm x 280 mm x 1000 mm
- Length of turnstile bars: 500 mm
- Electrical connection: 220 V/AC

Order Information

- 940000 001500 TE1500 Footwear grounding access control