

## RFID TEST STATION WITH ACCESS LOG + ETHERNET FOR ESD WRISTBAND AND FOOTWEAR



SKU: 159580K



### EPA ACCESS CONTROL RFID TEST STATION

**RFID TEST STATION - Tester for checking ESD safe wristbands and footwear with RFID identification system and Ethernet connection.**

It allows checking personnel's grounding before entering an ESD protected area, recording the access data in an internal data logger that can be accessed via LAN for export. The **management software** is included.

Can be connected to an entrance barrier thanks to the integrated output relay.

**Kit version** with column-type stand and measuring footplate.

**Alternative configurations:** Tester without footplate (El.Mi code 159580A), Kit with turnstile and footplate (El.Mi code 159580F).

**Available accessories** (NOT included): RFID sensor for exit recording (El.Mi code 159580E).



## Functioning

The tester performs measurements in accordance with the IEC 61340-5-1 standard and can be used for this purpose at any time, even without being logged in.

Can be set to "**Hands-Free**" mode for measuring footwear only.

The recognition system allows you to create up to **1000 unique users** and associate them with staff RFID badges.

A radio frequency signal allows the tester's integrated contactless reader to recognize the operator's badge when shown.

As an alternative to the use of RFID badges, users can be associated with an **ID/password** access key.

The **security level** of RFID badge access can be increased by requiring the entry of a 3 or 6-digit code.

It is possible to create up to **10 predefined profiles** to be associate with active users based on their roles. Each profile defines measurement limits, parameters to monitor, relay behavior (if the tester is connected to a door) and permissions to allow visitors. Visitors also have their own profiles.

After performing the test, the operator displays the **access data** on the LCD screen (User, Date/Time, Measured values, PASS/FAIL result).

The internal **data logger** stores this data, making it available remotely via an Ethernet connection.

## Specifications

- Power supply: 9-12 VDC, 1 A - Charger included (Banana plug, 5.5 / 2.1 mm)
- Wrist strap connections: **Press stud** (10 mm, 4 mm), **Banana** (4 mm)
- Measuring range: **50 kOhm - 2 GOhm** (Wrist strap), **50 kOhm - 2 GOhm** (Footwear)
- Measurement accuracy:  $\pm 10\%$
- Test voltage (selectable): **50 V / 100 V**
- Max. no. of users: 1000
- Max. no. of accesses that the datalogger can store: 25000
- Fingerprint identification: No
- 125 KHz RFID card identification: Yes
- 13.56 MHz RFID card identification: Yes
- Identification time: < 1 sec.
- Graphic display LCD, 160 x 104 pixel
- Data interface: LAN RJ45
- Footplate and door-opener connector: 6 way Phoenix
- Relay output: max. 60 V, 1 A - 50 VA
- Tester dimensions: 225 x 168 x 38 mm
- Weight: 650 g.