

ESD personal tester EPA-RESIST 8000

Product Number EP0206050

Variants Foot electrode: Foot electrode FE-100



Product Description

The most powerful and comprehensive measuring device on the market with in-house developed software, networking and technical after-sales support.

Includes PC master software for central RFID transponder management.

Scope of services:

- **7" touch color display:** Clear and intuitive operation with **language selection German/English**
- Display of **measurement results** and measurement of **temperature** and relative **humidity**
- **Personal identification with RFID:** test profiles and test results are assigned to the person
- **32-bit processor for fast and precise measurements** for smooth passage at optional entrance systems
- **Wrist strap and footwear** verification
- Additional tests: **glove and gown test**
- Automatic **shoe-to-shoe test**
- **Special test function for people at risk:**
Voltage-free body tests for pregnant women and people with active implants ensure access testing into the EPA.
- **Measurement voltages adjustable** between 33V, 50V or 100V
- **Extensive configuration options** for the individual test modes, also per employee
- **Access control** via 3 freely configurable relays
- **Software updates:** Software updates can be easily installed via USB stick using an integrated bootloader
- **Free limit value definition:**
Individual adaptation of limit values for DIN changes or when working on live cables (personal protection takes precedence over ESD protection)
- Connection for **automated calibration:** On-site calibration without dismantling the EPA-RESIST
- **Release times:** After a successful test, time intervals can be defined in which people do not have to test themselves again when they re-enter the EPA.
- **LAN interface for networking several devices:** For large EPA areas with several entrances, several EPA-RESIST 8000 or EPA-RESIST 8000S can be networked together.
- **Central transponder management via PC master software:**
Personal data is read in or changed centrally on the PC and does not have to be entered on each individual networked device.
- **Central storage of test results** using **data logger software** (optionally available):
Summary of all log data (test results) in a central daily file

ESD checks**Verification of compliance**

Wrist strap	IEC 61340-4-6	Wrist strap system
Footwear	IEC 61340-4-5	Person/shoe system
Footwear "Hands-Free", automatic	IEC 61340-4-5	System person/shoe
Body tension ¹⁾		System person/shoe/floor
Gown	IEC 61340-4-9	Groundable EPA clothing
Gloves	IEC TR 61340-5-2	With test electrode

¹⁾ **Passive voltage test** for endangered persons with active implants (e.g. pacemakers, insulin sensors, hearing aids or pregnant persons)

Settings / configuration

- Operation on the device via touch display and integrated on-screen menu
- On the PC with web application (programmed into the EPA-RESIST 8000, no software installation necessary)

Optional extensions:

- **RFID access control EPA-RESIST 8000S**

The EPA-RESIST **8000S** controls **up to three access controls in the network** via the active release times of people who have already been tested.

This allows complex and distributed EPA zones to be designed flexibly and cost-effectively.

- **PC app data logger**

The "Data logger" application saves all measurement logs of the EPA-RESIST 8000 in the network in real time in a daily file on the PC.

Many filter functions support compliance with individual data protection guidelines.

Scope of delivery:

- EPA-RESIST 8000
- PC-Master software on USB stick
- Mounting bracket for wall or table mounting
- 24V power supply unit with power cable
- Foot electrode FE 100 EP0206062
- Relay output connection cable
- Operating instructions
- Calibration certificate

Also available as a PRORENT rental device.

An optional stand with mounting plate is available (EP0206051)

SPECIAL SOLUTION with EUCHNER EKS:

The EPA-RESIST 8000 personnel test center in combination with the Euchner-Key-System enables **identification for the ESD personnel test and the subsequent activation of a machine control at the workplace with just one Euchner chip.**

The ESD personal test result is written to the chip by the EPA-RESIST 8000 and read out by the machine control unit at the workplace.

The information written to the chip by the EPA-RESIST 8000 is variable and can be adapted to customer requirements.
(to the video)

video:

EPO access has never been easier, smarter and more digital!

more info