

ESD personal tester EPA-RESIST 7000

Product Number EP0206076

Variants Foot electrode: Foot electrode FE-100



Product Description

Functionality:

- **7" touch color display:** Clear and intuitive operation with language selection German/English
- **Personal identification with RFID:** test profiles and test results are assigned to the person.
- Display of **measurement results** and measurement of **temperature** and relative **humidity**
- **32-bit processor for fast and precise measurements** for smooth passage at optional input systems
- **Wrist strap and footwear** check
- 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 in the EPA
- **Measurement voltages adjustable** between 33V, 50V or 100V
- **Extensive configuration options** for the individual test modes, also per employee
- Electrical **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 adjustment 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 retest themselves when they re-enter the EPA.
- **Storage** of test results in the device.
- **LAN interface for web interface:** PC connection enables simple data exchange of measurement and transponder data between the PC and EPA-RESIST.

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 vulnerable persons (with 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 7000, no software installation necessary)

Scope of delivery:

- EPA-RESIST 7000
- Mounting bracket for wall or table mounting
- 24V power supply unit with power cable
- Foot electrode EP0206062
- Relay output connection cable
- Operating instructions
- Calibration certificate
- free technical support

Also available as a PRORENT rental device.

Optional extension: data logger software for centralized management of test results

An optional stand with mounting plate is available (EP0206051)

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

[more info](#)