

ESD- accessory

ESD heel and toegrounder

Suitable for ordinary footwear with integrated 1 MOhm resistor
 Heelgrounder / type FE 010 • Art.-No.: 43.700.00
 Toegrounder / type SE 020 • Art.-No.: 43.710.00



ESD disposable earthing stripes

Suitable for ordinary footwear
 Type ES 100 • Art.- No.: 43.720.00



ESD disposable overshoes

Suitable for ordinary footwear
 Typ ES 300 • Art.- No.: 43.720.05



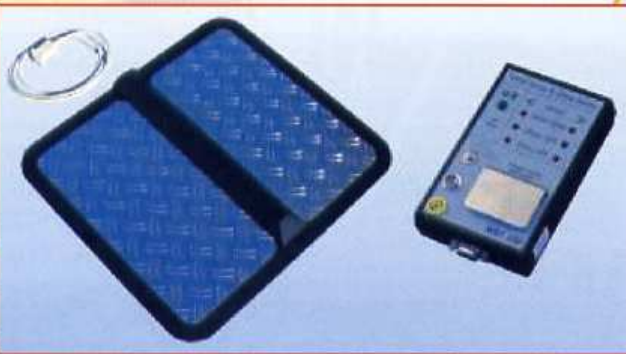
ESD-teststation HSP 400

For table- and wall-mounting according to EN 61340-5-1/5-2. The HSP 400 wriststrap and footwear tester, performs a quick test to identify misoperations of ESD shoes and wrist straps as well as their appropriate connecting lines. A door opener and event counter is integrated in HSP 400.

- **Test range:** 750 kOhm . . . 35 MOhm, wriststrap / coil cord
50kOhm . . . 100 MOhm Footwear
- **Test voltage:** 30 V to 100 V (switchable)
- **Operation:** power supply 230 VAC
- **Alarm signal:** audible and visual
- **PC interface adapter:** RS 232

The device can be adjusted onto two control modes via an interior DIP switch. A single test (wriststrap or shoe test) and a connected test (wriststrap and shoe test). The HSP 400 is controlled by a microcontroller, for which the parameters can be set from a PC via an internal accessible RS 232 interface. The limiting values for the tests and for some time periods for the test procedure can be set up this way. The alignment of the resistor determination is also accomplished via this interface. Supplied with: HSP 400 tester, power supply, shoe testing electrode, certificate of calibrate

Art.-No.: 80.900.00



ESD-test station WST 100

For functional tests of wrist bands and ESD-shoes

- Either combined test of wrist bands and ESD-shoes simply with one keystroke (separated measuring of the left and the right shoe).
- Or only test of the wrist band without test of the shoe.
- Or only test of the shoe (separated measuring of the left and the right shoe).
- Statistic failure memory can be readout via PC.
- The limiting values for the tests can be adjusted individually.

Technical data:

Dimensions: WST 100 : ca. 150 x 88 x 35 mm
ca. 460 x 400 x 20 mm shoe electrode

Power supply: 4 x Mignon Alkaline in the device optional: plug power unit 6 V 100 mA over a shoe electrode with 4 Mignon accumulator NiMH

Air gap: Switch floating shutter 60 V / 2 A

Measuring principle: Current voltage measuring method therefore constant measuring voltage

Measuring voltage: 20 V ± 5 %

Connection: All connections over 9-pole sub-D jack

Limiting value: Limiting values are adjustable separately for the strap test and the shoe test via calibrated resistors

Art.-No. Supplied with

- 80.406.05 WST 100 without shoe testing electrode preset test range: 750 kOhm . . . 10 MOhm test of wrist bands 750 kOhm . . . 35 MOhm test of shoes incl. interface of the PC, statistic failure memory, 4 batteries, certificate of calibration
- 80.406.10 with shoe testing electrode WST 100 like order no. 80.406.05, but with a divided shoe testing electrode
- 80.406.15 PC software for reading out the statistic failure memory, including 9-pole connection cable
- 80.406.20 Wall hook for WST 100
- 80.406.25 Plug power unit
- 80.406.30 Calibrate resistors two calibrated resistors inside the sub-D plug lower limit: 750 kOhm / upper limit: 10 MOhm

Art.-No. Supplied with

- 80.406.40 Calibrate resistors two calibrated resistors inside the sub-D plug lower limit: 750 kOhm / upper limit: 35 MOhm