

PGT 120 Personnel Grounding Tester

(Part No.: 7100.PGT120)

- The Personnel Grounding Tester PGT 120 is a wrist strap and footwear tester for access control of ESD protected areas (EPA)
- The test result is indicated with audible and visual signals. A relay with a dry contact provides the connection to a door opening system
- Power supply: Internal battery or external power supply unit
- Wrist strap, right and left shoe testing is simultaneously possible by separate measuring circuits
- In combination with a barrier gate, the footwear measurement can be performed in series without pressing a button (hands-free mode).
- Separate measurement of left and right shoe
- Lower limit disabling is possible
- The unit can be used on bench tops or as a wall mounted unit (Wall mounting requires an additional wall mounting plate)

Limit values and measure mode:

	Measuring range / Test voltage	Standard
Wrist strap / coil cord	750 k Ω - 35 M Ω	DIN EN 61340-5-1
Footwear worn on metal plate (values for each shoe)	(100 k Ω *) - 35 M Ω or (100 k Ω *) - 70 M Ω * lower limit <i>can be disabled</i>	DIN EN 61340-5-1
Footwear in series	140 M Ω or 70 M Ω (both shoes in series)	---
Test voltage (without load)	100V/DC <i>changeable to 50V or 30V</i>	DIN EN 61340-5-1



Dimensions:
150 x 200 x 65 mm

Supplied with:
Footwear electrode,
Power supply,
Calibration certificate

Optional:
Wall mounting plate
Part No. 7100.PGT100.101



Picture: Footwear electrode
for separate shoe testing
(350 x 500 x 8 mm)



- ▶ 1 year limited warranty
- ▶ Recommended calibration interval: 2 years

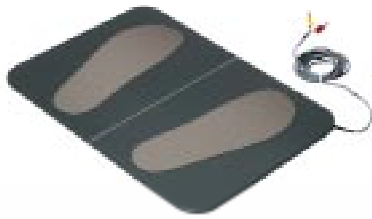
Technical Information

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Footwear electrode

Simultaneous left- and right shoe testing

Footwear and wrist strap test

Simultaneous footwear and wrist strap test



Hands-free-Mode

Footwear test without pressing a button