

Technical Information

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PGT 100 Personnel Grounding Tester (Part No.: 7100.PGT100)

- The Personnel Grounding Tester PGT 100 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 and footwear can be checked simultaneously with two separate measuring circuits
- The following configurations can be selected with DIP-Switches:
 - ⇒ AND-Function: wrist strap **and** footwear OK.
 - ⇒ OR-Function: wrist strap **or** footwear OK.
 - ⇒ Test voltage: 100V, 50V, 30V.
 - ⇒ Limit values: 35M Ω , 100M Ω (shoe test)
- 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:

	<u>Measuring range/test voltage standard</u>	<u>Measuring range/test voltage changeable to</u>	<u>Standard</u>
Wrist strap:	750 k Ω - 35 M Ω		EN 61340-5-1
Footwear:	100 k Ω - 35 M Ω		EN 61340-5-1
		100 k Ω - 100 M Ω	EN 61340-5-1
Measure voltage:	100V	50V or 30V	



Dimensions:
138 x 190 x 53 mm

Supplied with:

Footwear electrode,
Power supply,
Calibration certificate

Optional available:

Wall mounting plate
Part No. 7100.PGT100.101



The "Calibration Unit" Part No. 7100.PGT100.T may be used to test the PGT100 limit values.