

PGT 2000 Personnel Grounding Tester

(Part No.: 7100.PGT2000.NET)

Measures personnel grounding including user`s identification and test values documentation (required by DIN ISO 9000 for example).

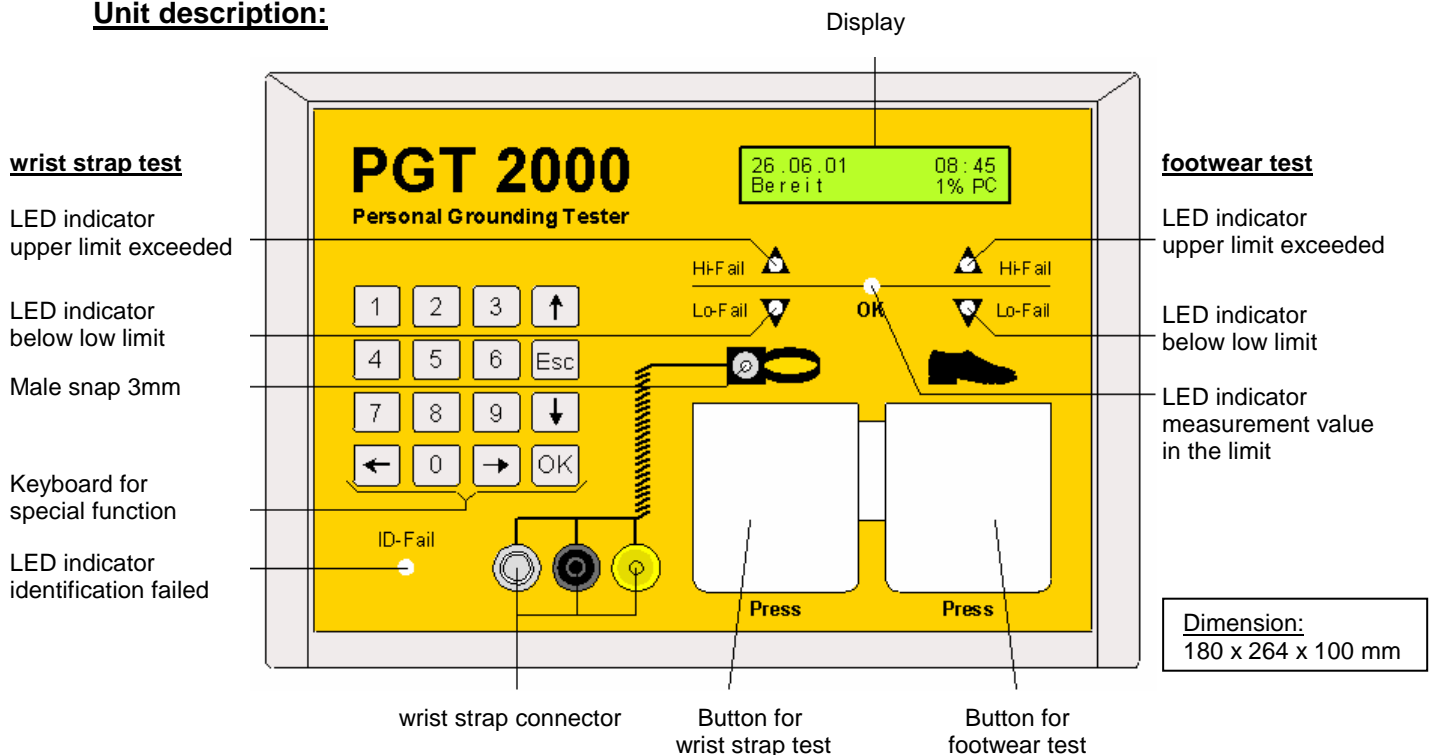
- Simultaneous measurement of wrist strap and footwear according to DIN EN 61340-5-1
- Measurement takes < 1,5 sec for personnel identification, wrist strap and footwear tests
- Separate right and left foot test values
- Transponder personnel identification system
- Access control of protected zones and EPA's through the door opener
- Audible and visible test signal
- Programmable test voltage and resistance values
- Configuration and data transfer through the RS232 port or the Ethernet network card
- Integral memory for saving personnel data and test values (20.000 test values and 5.000 personnel records)
- Network connection of up to 64 instruments
- Including operating software, MS-Windows® 95/98/NT/2000/XP compatible, PGT 2000 Manager
- Connection to external card readers via RS232 or RS485 interface available on request

Includes:

PGT built-in network card, shoe-testing electrode, wall mounting plate, external power supply 230 VAC, RS 232 null modem cable, CD-ROM "PGT 2000 Manager" installation program, user`s manual in English and German and a calibration certificate.

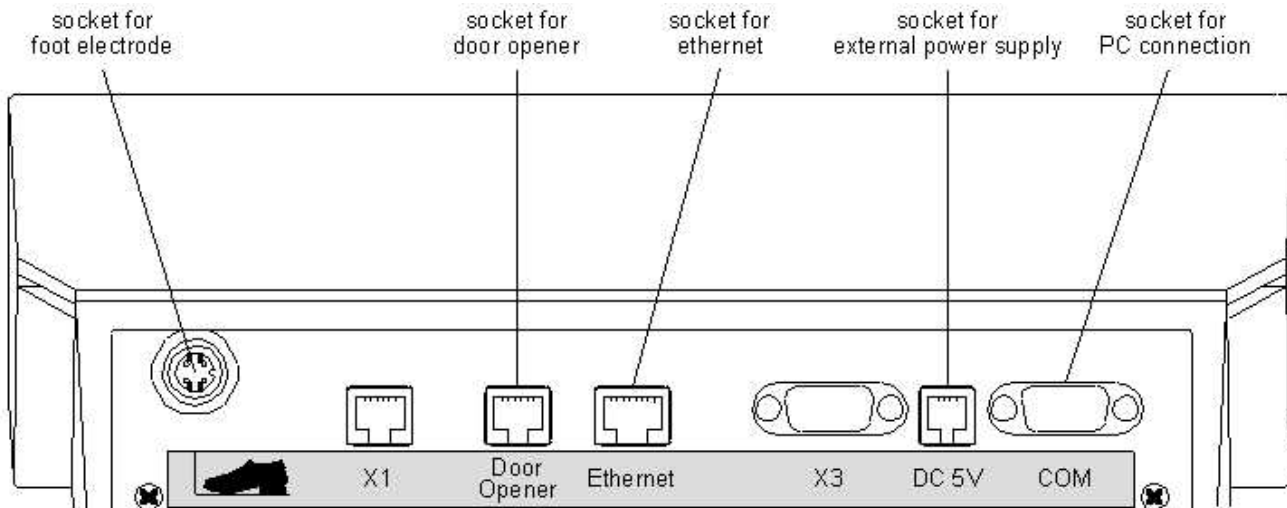
- Optional:**
- Calibration unit to test the PGT2000; with calibration software on CD-ROM. (Part. No.: 7100.PGT2000.C)
 - PGT2000 Optional Software Package 01 (Part. No.: 7100.PGT2000.SV)

Unit description:



We believe all the information in these pages including technical data to be reliable. However we make no warranties expressed or implied and assume no liability regarding any use of this information.

Hardware: Plug in options

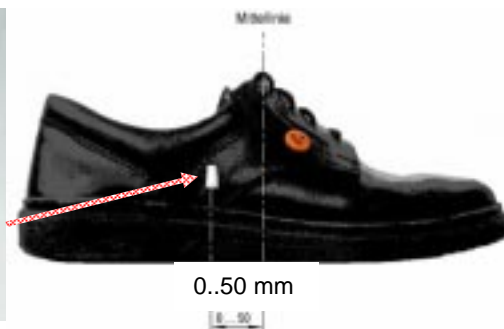


Identification system:

- Footwear transponder (one transponder for each pair of shoes) with transponder bag made of leather for right shoe fastening.
- Transponder card 86x54x1,5mm
- Wrist strap transponder connected to the snap of a coil cord.



Transponder bags
in colour:
black, blue, white



Dimension of the transponder:
6 x 6 x 3 mm

Footwear electrode:

- Separate shoe measurement.
- Built in antenna for footwear transponder readout.



Dimension:
350 x 500 x 6 mm

Technical Information

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Part No.: 7100.PGT2000.NET



◆ Untere Gießwiesen 21 ◆ 78247 Hilzingen ◆ Tel.: +49-7731-86880 ◆ Fax: +49-7731-868830



PGT2000 footwear and wrist strap test



Visitor identification with visitor ID-card

Technical Information

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Configuration:

- Limit values and test voltages can be set within the ESD-standard defined limits for each PGT2000 (max. 64).
- ID-test activation via transponder, access depends on ID-tag.

Zu konfigurierendes PGT2000

PGT Nr.: 1 Name:

Seriennr.: 0004 ID check activ

Meßeinstellungen

Meßspannung: 100 V

zulässige Werte: 750 kOhm ... 35 MOhm

Widerstand pro Einzelschuh (zulässige Werte: 100 kOhm ... 200 MOhm)

obere Grenze: 35 MOhm obere Grenze: 200 MOhm

untere Grenze: 750 kOhm untere Grenze: 100 kOhm

User database:

Ansehen / Exportieren / Drucken - Benutzerdatenbank

1 von 1 100% Summe: 9 100% 8 von 8

Selbstanzeige

Benutzer - Datenbank 12:13:00

Personal Nr.	Name	Vorname	Schuh ID1	Schuh ID2	HandGB ID3	ID4	Benutzerprofil
4 000	MULLER	Stefan	X		X		Endmontage II
1 000	MIGER	Michael	X	X			Modulfertigung IV
2 000	MUSTERMANN	Christae	X		X		Standard
3 000	SCHMITT	Harald	X				Standard
5 000	SCHULZE	Daniel	X				Standard
8 000	JÄGER	Heinz	X	X	X		Endmontage II
7 000	BECKER	Ursula	X				Endmontage II
1	BESUCHER	Nr. 1				X	Besucher
2	BESUCHER	Nr. 2				X	Besucher

- Users are managed in a database.
- Every user can be assigned by two footwear transponders, one wrist strap transponder and one ID-card.
- The selected user profile decides about the different tests for a person and their permission to access an area.

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V0806

Test report overview:

11.04.2001

Messdatenbericht

Datum / Uhrzeit	Personal Nr.	Name	Vorname	PGT Nr.	Schuh ID-Nr.	HandGB ID-Nr.	ID4 Nr.	Schuh links [kOhm]	Schuh rechts [kOhm]	HandGB [kOhm]	Fehler Nr.	Spannung [V]	Grenze Schuh untere [kOhm]	Grenze Schuh obere [kOhm]	Grenze HandGB untere [kOhm]	Grenze HandGB obere [kOhm]
11.04.01 20:01:53	636.893	WARMBIER	Klaus	1	1000000001		300000006				128	70	100	200.000	750	35.000
11.04.01 20:01:56	1	Besucher	Nr. 1	1			300000006				1.024	70	100	200.000	750	35.000
11.04.01 20:01:58	1	Besucher	Nr. 1	1			300000006	12.463	> 1.000.000		32	70	100	200.000	750	35.000
11.04.01 20:02:03	3	Schulze	Stefan	1			300000006			5.442	0	70	100	200.000	750	35.000
11.04.01 20:02:29	2	Müller	Michael	1			300000006	4.749	27.674		0	100	100	200.000	750	35.000
11.04.01 20:02:38	3	Schulze	Stefan	1			300000006			2.941	0	100	100	200.000	750	35.000
11.04.01 20:02:46	1	Besucher	Nr. 1	1			300000006	4.508	> 1.000.000		32	100	100	200.000	750	35.000
11.04.01 20:02:49	1	Besucher	Nr. 1	1			300000006	5.315	27.679		0	100	100	200.000	750	35.000
11.04.01 20:02:57	3	Schulze	Stefan	1			300000006			2.670	0	100	100	200.000	750	35.000
11.04.01 20:03:12	2	Müller	Michael	1			300000006	4.280	27.610	2.979	0	100	100	200.000	750	35.000
11.04.01 20:03:24	3	Schulze	Stefan	1			300000006			1.040	0	100	100	200.000	750	35.000
11.04.01 20:03:30	1	Besucher	Nr. 1	1			300000006	4.781	27.669		0	100	100	200.000	750	35.000
11.04.01 20:03:41	2	Müller	Michael	1			300000006	4.263	27.668		0	100	100	200.000	750	35.000
11.04.01 20:03:50	3	Schulze	Stefan	1			300000006			405	1	100	100	200.000	750	35.000
11.04.01 20:03:56	3	Schulze	Stefan	1			300000006			> 1.000.000	2	100	100	200.000	750	35.000
11.04.01 20:04:03	3	Schulze	Stefan	1			300000006	4.426	27.669	5.234	0	100	100	200.000	750	35.000
11.04.01 20:04:11	1	Besucher	Nr. 1	1			300000006				0	100	100	200.000	750	35.000
11.04.01 20:04:18	2	Müller	Michael	1			300000006	940.361	18.281		8	100	100	200.000	750	35.000
11.04.01 20:04:24	2	Müller	Michael	1			300000006	18.309	27.692		0	100	100	200.000	750	35.000

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

Tested values can be printed out and be exported in different file formats.