

Technical Information

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PGT 2000 Personnel Grounding Tester

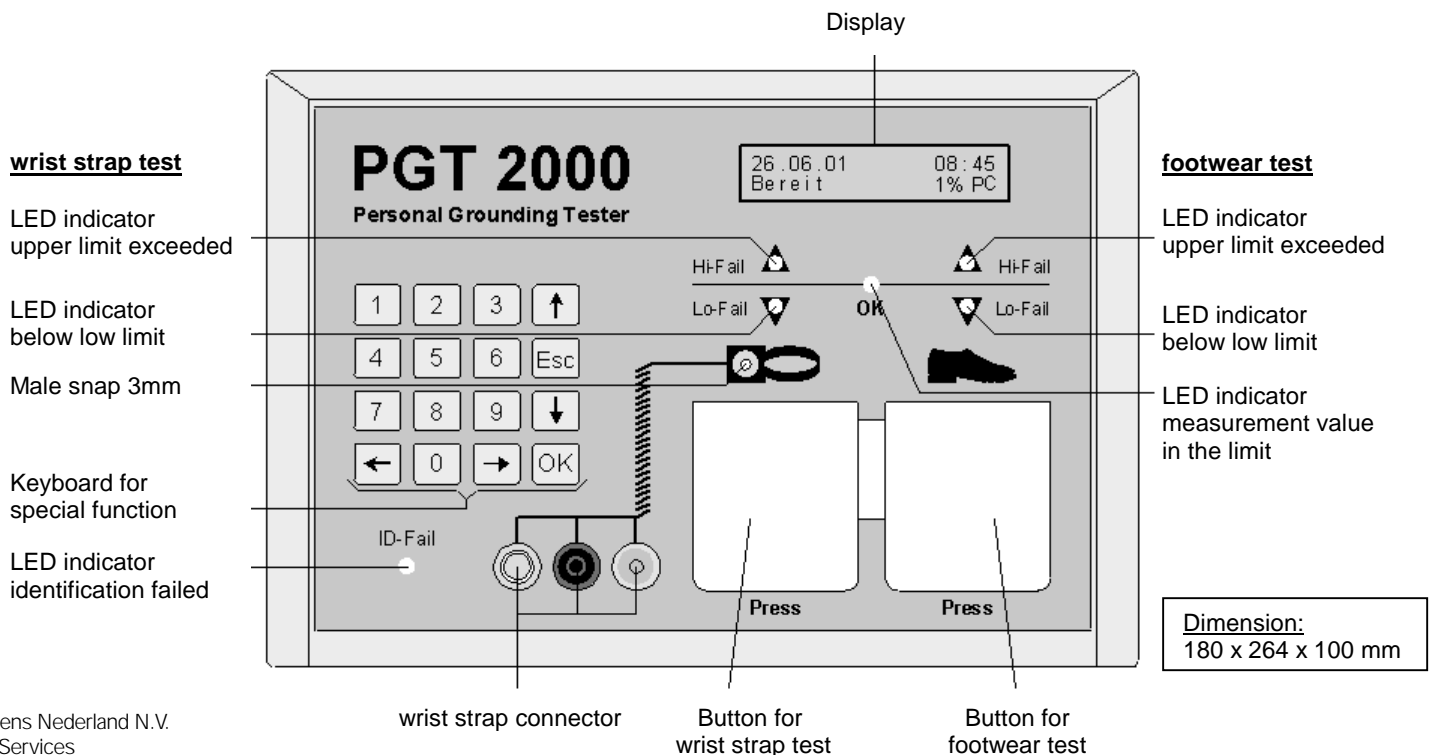
Measures personnel grounding including user's identification and test values documentation (required by DIN ISO 9000 for example).

- 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 (10.000 test values and 5.000 personnel records)
- Network connection of up to 64 instruments
- Including operating software, MS-Windows® 95/98/NT/2000 compatible, PGT 2000 Manager

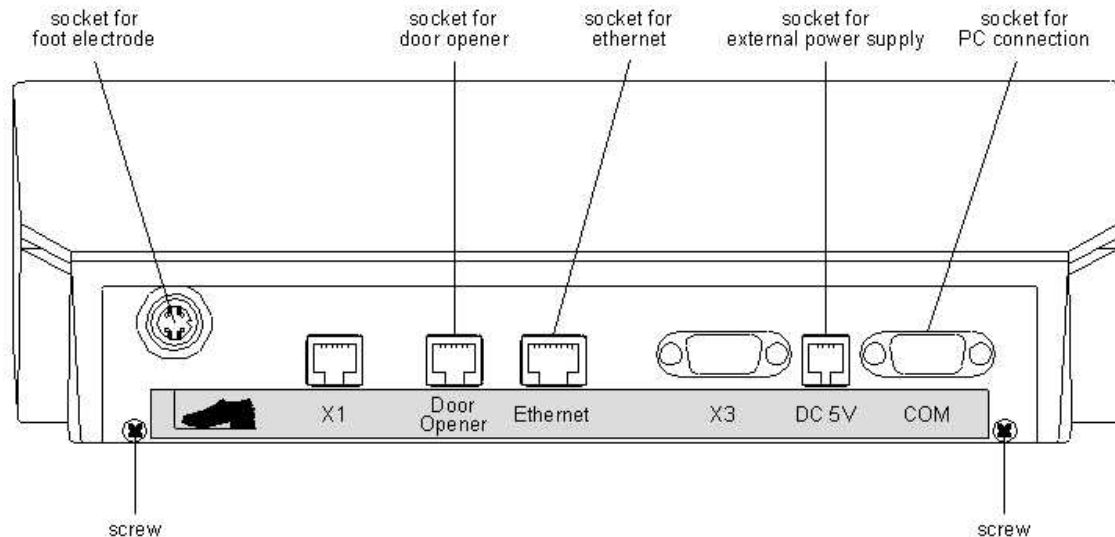
Includes:

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.

Unit description:



Hardware: Plug in options

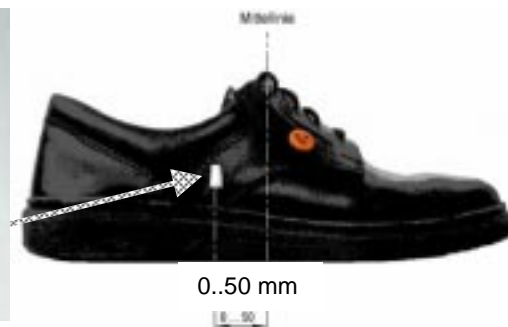


Identification system:

- 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



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.

User database:

Ansehen / Exportieren / Drucken - Benutzerdatenbank

1 von 1 100% 100% 8 von 8

Sichtansicht

Benutzer - Datenbank 12.12.00

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.

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 [kOhm]		Grenze HandGB [kOhm]	
														untere	obere	untere	obere
11.04.01 20:01:53	836.893	WARMER	Klaus	1	1000000001		3000000006				128	70	100	200.000	750	35.000	35.000
11.04.01 20:01:56	1	Besucher	Nr. 1	1			3000000006				1.024	70	100	200.000	750	35.000	35.000
11.04.01 20:01:58	1	Besucher	Nr. 1	1			3000000006	12.463	> 1.000.000		32	70	100	200.000	750	35.000	35.000
11.04.01 20:02:03	3	Schulze	Stefan	1			3000000006			5.442	0	70	100	200.000	750	35.000	35.000
11.04.01 20:02:29	2	Müller	Michael	1			3000000006	4.749	27.674		0	100	100	200.000	750	35.000	35.000
11.04.01 20:02:38	3	Schulze	Stefan	1			3000000006			2.941	0	100	100	200.000	750	35.000	35.000
11.04.01 20:02:45	1	Besucher	Nr. 1	1			3000000006	4.508	> 1.000.000		32	100	100	200.000	750	35.000	35.000
11.04.01 20:02:49	1	Besucher	Nr. 1	1			3000000006	5.315	27.679		0	100	100	200.000	750	35.000	35.000
11.04.01 20:02:57	3	Schulze	Stefan	1			3000000006			2.670	0	100	100	200.000	750	35.000	35.000
11.04.01 20:03:12	2	Müller	Michael	1			3000000006	4.280	27.610	2.979	0	100	100	200.000	750	35.000	35.000
11.04.01 20:03:24	3	Schulze	Stefan	1			3000000006			1.040	0	100	100	200.000	750	35.000	35.000
11.04.01 20:03:30	1	Besucher	Nr. 1	1			3000000006	4.781	27.669		0	100	100	200.000	750	35.000	35.000
11.04.01 20:03:41	2	Müller	Michael	1			3000000006	4.253	27.668		0	100	100	200.000	750	35.000	35.000
11.04.01 20:03:50	3	Schulze	Stefan	1			3000000006			405	1	100	100	200.000	750	35.000	35.000
11.04.01 20:03:56	3	Schulze	Stefan	1			3000000006			> 1.000.000	2	100	100	200.000	750	35.000	35.000
11.04.01 20:04:03	3	Schulze	Stefan	1			3000000006			5.234	0	100	100	200.000	750	35.000	35.000
11.04.01 20:04:11	1	Besucher	Nr. 1	1			3000000006	4.426	27.669		0	100	100	200.000	750	35.000	35.000
11.04.01 20:04:18	2	Müller	Michael	1			3000000006	840.361	18.281		8	100	100	200.000	750	35.000	35.000

Tested values are listed in a table.