

NEW!

With
illuminated
display

Appliance Tester TG basic 1

Testing device for checking protective measures for mobile electrical equipment in accordance with DIN EN 62638/DIN VDE 0701-0702.

gmw **GOSSEN**
Müller & Weigert



Product highlights

- ▶ Easy-to-handle, very light tester in a sturdy housing for mobile use
- ▶ Battery operation
- ▶ Can be supplied with country-specific test socket for all European countries – e.g. D, CH, F, GB
- ▶ Operation language D, GB, F, I, NL, CZ, PL
- ▶ Operation via rotary switch and start button
- ▶ Illuminated LCD display (option)
- ▶ Automatic test procedure
- ▶ Testing of extension cables
- ▶ Cable test (with IEC connector)
- ▶ Suitable for technically trained persons, good/bad plain text display



Order information

TG basic 1

Item no. 63000 00000

TG basic 1 with illuminated display

Item no. 63000 00001

Recommended accessories

Passive three-phase adapter TGP
Item no. 79200 18690

Charger for NiMH batteries AA 1.2 V
incl. rechargeable battery pack
(8 pcs. AA 1,2V) 2050 mA/h
Item no. 79100 86151

Rechargeable battery set (4 pcs. AA 1,2V)
2050 mA/h
Item no. 54121 86008

Safety measurement cable 2,5 m
Item no. 79200 18682



Measuring functions

- Protective conductor resistance
- Insulation resistance
- Substitute leakage current
- Cable test

Scope of delivery

- 1x appliance tester
- 1x safety measurement cable 1,5 m with crocodile clip and safety test tip
- 1x IEC cable
- 1x operating manual
- 1x battery set (6x 1.5 V AA alkaline)
- 1x carrying bag

Tester information

TG basic 1

- Intuitive user guidance
- Clear display "Test OK/Test not OK" on completing the test
- Display brightness setting in 4 steps (option)
- Hand-held device with protection class II
- Auto power off function
- Mains voltage measurement (L-N, L-PE, N-PE)
- Cable test (L-N) with IEC connector
- ▶ Can be supplied with country-specific test socket for all European countries - e.g. D, CH, F, GB
- Operation language in D, GB, F, I, NL, CZ, PL, other languages as option

Technical data

Display

Graphic LCD display, 160 x 104 pixels, optional backlighting

Display ranges

Protective conductor resistance	0,05...5,0 Ω
Test current	> ± 200 mA DC with automatic reversal of polarity
Open-circuit voltage	4,5 V...8,5 V
Insulation resistance	0,100...20,00 MΩ
Test voltage/current	≥ 500 V DC / ≥ 1 mA PC I and PC II
Substitute leakage current	0,100...20,000 mA
Test voltage	25-40 V AC
Mains voltage measurement	195...250 V AC (L-N, L-PE, N-PE)

General

Limit value indication	visually and acoustically
Overvoltage category	CAT II/300 V
Degree of pollution	2
Protection degree	IP 40
Power supply	6x AA 1,5 V alkaline batteries or 6x AA 1,2 V NiMH rechargeable batteries
Number of measurements	approx. 1500 per battery set, Auto power off
Dimensions (L x W x H)	ca. 270 x 110 x 50 mm
Weight	approx. 800 g
Electrical safety according to	DIN VDE 0404 Parts 1, 2 DIN VDE 0411-1/EN 61010-1 DIN VDE 0413/EN 61557 Parts 1, 2, 4

Obchodné zastúpenie:

MERaTEST s.r.o.

Družstevná 2 (Dom štát. správy 2.p.)

916 01 Stará Turá

Tel.: 032/642 0909

Mob.: 0903 533 859

e-mail: molec@meratest.sk

web: www.meratest.sk



GOSSEN Müller & Weigert

Kleinreuther Weg 88

D-90408 Nürnberg

Phone: +49(0)911 35 02-0

Fax: +49(0)911 35 02-3 07

Internet: <http://www.g-mw.de>

e-mail: info@g-mw.de