

**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.

 **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

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