



### Product highlights

- ▶ Handy lightweight tester for mobile use
- ▶ Europe wide applicable selectable control language – D, GB, F, I
- ▶ Deliverable with country specific mains socket and power plug (e.g. D, CH, F, GB)
- ▶ Expert mode – quick testing procedure
- ▶ Connection for barcode scanner for reading – in the test object's ID numbers and choosing defined test procedures
- ▶ Device operation via touch screen
- ▶ Help functions and electrical connection diagrams can be accessed
- ▶ Measuring direct method or as differential current
- ▶ Adjustable limit value for protective conductor resistance measurement up to  $0.9 \Omega$  – for extension cables up to 50 m
- ▶ SD card for storing and transferring measurement data
- ▶ Test o.k. or not o.k. message allows the device to be used by persons with electro-technical training



**TG euro 1**

## EURO Appliance Tester TG euro 1/TG euro 1A

**Appliance tester for testing safety measures in transportable electrical equipment in accordance with DIN EN 62638/ DIN VDE 0701-0702.**

### Measuring functions

- Protective conductor resistance
- Insulation resistance
- Substitute leakage current
- Protective conductor – and touch current
- Power, voltage, current, power factor, frequency

### Scope of delivery:

- 1x Appliance tester TG euro 1 or TG euro 1A
- 1x Safety test line
- 1x Safety test tip
- 1x Crocodile clip
- 1x SD memory card
- 1x USB cable
- 1x Operating manual
- 1x CD-ROM with Windows® standard PC software (D, GB, F)

### Tester information

- Memory for app. 50,000 equipment tests (SD card 2 GB)
- Intuitive operator guidance
- Manual mode, automatic mode, expert mode, test series mode
- Test examination for the protection of the tester against defect specimens
- Test o.k. or test not o.k. text message on screen
- Test lead compensation
- USB interface – for sending measured data
- RS 232 interface – for connecting optional barcode scanner
- included in delivery: Standard PC software for log print outs



**TG euro 1A**

## Technical data

<b>Display</b>	Backlit matrix pixel LCD, 240 x 128 pixels (touch screen)
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### Display ranges

Protective conductor resistance	0.1...2.0 Ω
Test current/voltage	> 200 mA / > 4 V DC
Insulation resistance	0.1...20 MΩ
Test voltage/current	≥ 500 V DC / > 1 mA
Substitute leakage current	0.02...20 mA
Test voltage	approx. 230 V AC
Protective conductor current	0.25...20 mA
Touch current	0.1...2 mA
Measuring principle	direct or as differential current
Power	0...3.7 kVA
Voltage	195...250 V
Current	0...16 A
Power factor	0 cap...1...0 ind.

### General

Mains fuse	F 16 A
Memory capacity (internal)	16 MB
Interfaces	USB, RS 232 for barcode scanner
Memory card	SD 2 GB
Limit value indication	optically and acoustically
Overvoltage category	CAT II 300 V
Degree of pollution	2
Protection degree	IP 40
Power supply	230 V +10%/-15% 50 Hz
Consumption of auxiliaries	approx. 10 VA
Dimensions (L x W x H)	300 x 250 x 130 mm TG euro 1 360 x 285 x 175 mm TG euro 1A
Weight	approx. 3.1/4.2 kg
Electrical safety according to	DIN VDE 0404 Parts 1, 2 DIN VDE 0411-1/EN 61010-1 DIN VDE 0413/EN 61557 Parts 2, 4

## Order information:

### TG euro 1

TG euro 1 D  
Item no. 61000 00600  
Mains socket and power plug D

TG euro 1 D+  
Item no. 61000 00601  
Mains socket and power plug D  
included AddIn for optional  
Mebedo data bank software

TG euro 1 CH  
Item no. 61000 00602  
Mains socket and power plug CH

TG euro 1 F  
Item no. 61000 00603  
Mains socket and power plug F

TG euro 1 GB  
Item no. 61000 00604  
Mains socket and power plug GB

### TG euro 1A

TG euro 1A D  
Item no. 61000 00700  
Mains socket and power plug D

TG euro 1A D+  
Item no. 61000 00701  
Mains socket and power plug D  
included AddIn for optional  
Mebedo data bank software

TG euro 1A CH  
Item no. 61000 00702  
Mains socket and power plug CH

TG euro 1A F  
Item no. 61000 00703  
Mains socket and power plug F

TG euro 1A GB  
Item no. 61000 00704  
Mains socket and power plug GB

## Recommended accessories

(not included in delivery)

Barcode scanner  
Item no. 79100 86044

Active three-phase adapter TGA  
Item no. 79200 18691

Passive three-phase adapter TGP  
Item no. 79200 18690

Adapter for checking extension cables  
Item no. 79200 18680

Adapter for IEC connector  
Item no. 79200 18660

Brush probe  
(for touchable conductive rotating parts)  
Item no. 79100 86049

Inspection sticker "Next test date"  
30 mm, yellow, card of 12 pieces  
Item no. 22067 86410