



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)
- ▶ Complete check for medical electronic devices or medical electronic systems (Type B, BF, CF) in accordance with DIN EN 62353 / DIN VDE 0751-1
- ▶ 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 0.9Ω – 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 med

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

Appliance tester for testing medical electronic devices (ME devices) or medical electronic systems (ME systems) in accordance with DIN EN 62353/DIN VDE 0751-1 and 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
- Device substitute leakage current/ substitute leakage current from the applied part
- Device leakage current/leakage current from the applied part
- Protective conductor – and touch current
- Power, voltage, current, power factor, frequency

Scope of delivery:

- 1x Appliance tester TG euro 1 med or TG euro 1A med
- 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 med

Technical data

Display	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 (CF 0.1...200 MΩ)
Test voltage/current	≥ 500 V DC / > 1 mA
Substitute leakage current	0.02...20 mA
Device/applied part substitute leakage current	0.02...15 mA
Test voltage	approx. 230 V AC
Protective conductor current	0.25...20 mA
Device leakage current	0.02...9 mA
Touch current	0.1...2 mA
Measuring principle	direct or as differential current
Leakage current from the applied part (mains voltage on applied part)	0.02...15 mA
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
Overtoltage 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 med 360 x 285 x 175 mm TG euro 1A med
Weight	approx. 3.1 kg/4.2 kg
Electrical safety according to	DIN VDE 0404 Parts 1, 2, 3 DIN VDE 0411-1/EN 61010-1 DIN VDE 0413/EN 61557 Parts 1, 2, 4

Order information:

TG euro 1 med

TG euro 1 med D
Item no. 61000 00610
Mains socket and power plug D

TG euro 1 med D+
Item no. 61000 00611
Mains socket and power plug D
included AddIn for optional
Mebedo data bank software

TG euro 1 med CH
Item no. 61000 00612
Mains socket and power plug CH

TG euro 1 med F
Item no. 61000 00613
Mains socket and power plug F

TG euro 1 med GB
Item no. 61000 00614
Mains socket and power plug GB

TG euro 1A med

TG euro 1A med D
Item no. 61000 00710
Mains socket and power plug D

TG euro 1A med D+
Item no. 61000 00711
Mains socket and power plug D
included AddIn for optional
Mebedo data bank software

TG euro 1A med CH
Item no. 61000 00712
Mains socket and power plug CH

TG euro 1A med F
Item no. 61000 00713
Mains socket and power plug F

TG euro 1A med GB
Item no. 61000 00714
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

12 unit adapter (for test leads)
Item no. 61000 01001

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

