

Appliance tester


**NEW
FIRMWARE!**

- For testing safety measures in accordance with
- ▶ DIN VDE 0701-0702/EN 62638
 - ▶ DIN VDE 0751-1/EN 62353



TG uni 1A
TG euro 1A
TG euro 1A med

TG uni 1
TG euro 1
TG euro 1 med
Black case
as shown in small figure



GILGEN, Müller & Weigert

Am Farnbach 4a
D-90556 Cadolzburg/Germany
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

New functions

- ▶ Test data export in CSV format
- ▶ Repeated display of measurement results (last test/by ID number)
- ▶ Repetition of test by existing ID number
- ▶ Deletion of data from the last test
- ▶ Function test load data in log printout

- ▶ Efficient control of the storage process
- ▶ SD memory card of up to 4 GB can be used

New options

- ▶ Adoption of test sequences from the ELEKTROmanager®
- ▶ Remote control of the tester via USB interface

Model overview

	TG euro 1 med Order no. 61000 00610	TG euro 1 Order no. 61000 00600	TG uni 1 Order no. 61000 00100
Device highlights	TG euro 1A med Order no. 61000 00710	TG euro 1A Order no. 61000 00700	TG uni 1A Order no. 61000 00200
Sturdy hard-shell case for mobile use		✓	
Can be used worldwide, selectable operating languages		D, F, GB, I	D only
Can be supplied with country-specific test socket and mains plug for all European countries (optional)		e.g. D, CH, GB, F, CZ, PL	D only
Complete testing of medical devices (type B, BF, CF) and nursing beds as per EN 62353 / DIN VDE 0751-1	✓	-	-
Intuitive user guidance via touch screen		✓	
Help function with text and connection diagrams shown on the display		✓	
Expert mode – for quick test procedures	✓		-
Control code mode – for selecting predefined test sequences	✓		-
Manual / automatic test procedures		✓ / ✓	
Connection for barcode scanner (RS232)		✓	
USB connection for transferring the measurements		✓	
Testing of extension cables		✓ (Configurable length)	
Measuring line compensation		✓	
SD memory card slot		Up to 4 GB NEW!	
Storage capacity using a 2-GB SD memory card		Up to approx. 50,000 device measurements	
Test data output format		Standard GMW-DAT / CSV NEW!	
Suitable for technically trained persons, good/bad plain text display		✓	
PC logging software supplied with the unit		✓	
Optional additional functions and equipment			
Adoption of test sequences from the ELEKTROmanager®	NEW! TG euro 1 med AddInP Order no. 61000 01611	TG euro 1 AddInP Order no. 61000 01601	TG uni 1 AddInP Order no. 61000 01105
	TG euro 1A med AddInP Order no. 61000 01711	TG euro 1A AddInP Order no. 61000 01701	TG uni 1A AddInP Order no. 61000 01205
Remote control via USB interface, incl. adoption of test sequences	NEW! TG euro 1 med USBF Order no. 61000 02611	TG euro 1 USBF Order no. 61000 02601	TG uni 1 USBF Order no. 61000 02105
	TG euro 1A med USBF Order no. 61000 02711	TG euro 1A USBF Order no. 61000 02701	TG uni 1A USBF Order no. 61000 02205
Add-in (software interface) to ELEKTROmanager® or Fundamed® database software	TG euro 1 med AddIn Order no. 61000 00611	TG euro 1 AddIn Order no. 61000 00601	TG uni 1 AddIn Order no. 61000 00105
	TG euro 1A med AddIn Order no. 61000 00711	TG euro 1A AddIn Order no. 61000 00701	TG uni 1A AddIn Order no. 61000 00205
Measuring functions, display ranges			
Protective conductor resistance; test current/voltage		0.1...2.0 Ω; > 200 mA / > 4 V DC	
Insulation resistance; test voltage/current		0.1...20 MΩ (by CF 0.1...200 MΩ); > 500 V DC / > 1 mA	
Substitute leakage current		0.02...20 mA	
Device leakage current, applied part leakage current (alternative measurement); test voltage	0.02...15 mA; approx. 230 V AC	-	-
Device leakage current	0.02...9 mA	-	-
Leakage current from the applied part, mains voltage at the applied part	0.02...15 mA	-	-
Protective conductor current		0.25...20 mA	
Touch current		0.1...2 mA	
Measuring method (switchable)		Direct / differential current	
Power		0...3700 VA	
Appliance voltage		195...250 V	
Appliance current		0...16 A	
Power factor		0 cap...1...0 ind.	
Frequency		40...60 Hz	
General technical data			
Thermal mains fuse		F 16.0 A	
Limit value indication		Visually and acoustically	
Measurement circuit category		CAT II 300 V	
Degree of pollution		2	
Degree of protection		IP 40	
Protection class		2	
Electrical safety according to		DIN VDE 0404 Parts 1, 2, 3 / DIN VDE 0411-1 EN 61010-1 / EN 61557 / DIN VDE 0413 Parts 1, 2, 4	
EMC emission		EN 55011	
EMC interference resistance		EN 61000-4-2	
Power supply		230 V +10% / -15% 50 Hz	
Own consumption		Approx. 10 VA	
Dimensions (W x D x H)		300 x 250 x 130 mm / 360 x 285 x 175 mm (model A)	
Weight (incl. accessories) approx.		3.1 kg / 4.2 kg (model A)	
Scope of delivery	Appliance tester, safety measurement cable, test tip, crocodile clip, memory card, USB cable, operating manual, standard PC software		