



5.000 VAC

Technical data	G1-1G / G1-1T
Test voltage:	0.1 .. 2.50 kV • 0.2 .. 5.00 kV
Output:	500 VA
Tripping current:	0 .. 10.00 mA • 100.0 mA
Interface:	Ethernet • digital interface 1
Line voltage:	230 V / ± 10%; 49 .. 61 Hz
Dimensions:	19" / 4 HU; depth 360 mm
Weight:	21 kg / 20 kg



Front view G1-1G



Front view G1-1T



Rear view G1-1G, G1-1T

High-voltage testing device alternating current (AC)

The testing device, which is also available as an automatic device, allows flexible possibilities for use in manual and automated systems – for high-voltage testing of systems, assemblies and components. For more detailed technical data, please see the table on back.

	Description	Dimensions	Item no.
High-voltage testing device AC	incl. touch control unit	19" / 4 HU	G1-1G
High-voltage testing device AC	for use in automated systems	19" / 4 HU	G1-1T

Extension modules for the testing devices

	Technical data	for device type	Item no.
Passive current limitation	< 3 mA at U= 5.00 kV	G1-1G; G1-1T	G1-1G E03
Burn function	Over-current tripping can be deactivated for troubleshooting	G1-1G; G1-1T	G1-1G E05
Additional digital outputs	Six additional digital outputs for controlling an external switching matrix	G1-1G; G1-1T	G1-1G E06
RS232-C	Alternative interface to Ethernet interface	G1-1G; G1-1T	G1-1G E11
USB	Alternative interface to Ethernet interface	G1-1G; G1-1T	G1-1G E12
Software package	ElutionDevice software package	G1-1G; G1-1T	N2-1A Z7A
Device driver	On request		
Calibration	Delivery with Elabo works calibration protocol	G1-1G; G1-1T	G1-1G E99

The description of the accessories can be found starting on page 108. Please also see our sample configurations starting on page 34. Technical specifications subject to change without notice.

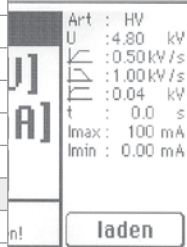
Device features G1-1G / G1-1T

Elabo BestPerformance

Device	G1-1G	G1-1T
Applications		
Manual use	●	
Automated use	●	●
Operation		
Touch display 4.3"	●	
Interface	●	●
Start button	●	
Reset button	●	●
Interfaces		
Ethernet	●	●
RS232-C	○	○
USB	○	○
Digital interface 1	●	●
Digital interface 2	○	○
2 Safety circuits	●	●
D/A Extension module	○	○
Connections		
Test probes front and back	●	●
Warning light connection at back	●	●
IEC connector at back	●	●
Tests		
High-voltage AC	●	●
Passive safety current limitation ¹	○	○
Burn function ¹	○	○
Test voltages		
Test voltage 1	0.1 .. 2.50 kV	
Test voltage 2	0.2 .. 5.00 kV	
Adjusting speed ramp	0 .. 3.5 kV/s	
Voltage setting error	Typ. 10 V	
Voltage measurement error	1 % of meas. / ± 3 digit	
Voltage measurement ranges		
Measurement range 1 / resolution	10.00 mA / 10 µA	
Measurement range 2 / resolution	100.0 mA / 100 µA	
Current measurement error	1 % of meas. / ± 3 digit	
Important technical data		
Nominal capacity	500 VA	
Short-circuit current	> 200 mA	
Mains connection	230 V / ± 10 %; 49 .. 61 Hz	
Dimensions	19" / 4 HU; Depth 360 mm	
Weight	21 kg	20 kg
Allowable humidity	25 .. 75 % rel.	
Working temperature	10 .. 50 °C	
Test time	0.5 .. 999.9 s	
Memory	min. 200 data sets	

5000VAC

Programmable Tester



Touch Control

testsysteme.de



Flexibility is of prime importance with Elabo. That is why two versions of the devices in this line of equipment are available. Depending on the purpose, universal use or fully automated operation are possible.

● Standard ○ Optional

¹ cannot be combined

Technical specifications subject to change without notice.