

High-voltage testing devices

Variant overview



BestPerformance

Device	G1-1A	G1-1M	G1-1B	G1-1N	G1-1G	G1-1T	G1-1C	G1-1P	G1-1H	G1-1U
Applications										
Manual application	•		•		•		•		•	
Automatic application	•	•	•	•	•	•	•	•	•	•
Operation										
Touch-Panel	•		•		•		•		•	
Measurement types										
High-voltage AC						•	•		•	•
						5 kV / 100 mA	5 kV / 100 mA		3 kV / 200 mA	3 kV / 200 mA
High-voltage DC		•	•	•	•			•	•	
		6 kV / 5 mA	6 kV / 5 mA	6 kV / 2 mA	6 kV / 2 mA			6 kV / 10 mA	6 kV / 10 mA	
Insulation resistance measurement		○	○	○	○			○	○	
		6 kV 2,5 GΩ	6 kV 2,5 GΩ	6 kV 5 GΩ	6 kV 5 GΩ			6 kV 1 GΩ	6 kV 1 GΩ	
Extensions										
Safety current limitation HV	•	•	•	•						
Burn function					○	○				
Voltage read-back	○	○	○	○			○	○		

• Standard ○ Optional

HighPerformance

Device	F1-1A	F1-1A Z200	F1-1M	F1-1M Z200	F1-1B	F1-1N	F1-1C	F1-1P	F1-1D	F1-1Q
Applications										
Manual application	•	•			•		•		•	
Automatic application	•	•	•	•	•	•	•	•	•	•
Operation										
Touch-Panel	•	•			•		•		•	
Measurement types										
High-voltage AC	•	•	•	•	•	•	•	•	•	•
	5 kV / 100 mA	3 kV / 200 mA	5 kV / 100 mA	3 kV / 200 mA	7 kV / 70 mA	7 kV / 70 mA	10 kV / 50 mA	10 kV / 50 mA	12 kV / 40 mA	12 kV / 40 mA
High-voltage DC	○	○	○	○	○	○	○	○	○	○
	6 kV / 100 mA	3 kV / 200 mA	6 kV / 100 mA	3 kV / 200 mA	9 kV / 70 mA	9 kV / 70 mA	12 kV / 50 mA	12 kV / 50 mA	16 kV / 40 mA	16 kV / 40 mA
Insulation resistance measurement	○	○	○	○	○	○	○	○	○	○
	6 kV 100 MΩ	3 kV 100 MΩ	6 kV 100 MΩ	3 kV 100 MΩ	9 kV 100 MΩ	9 kV 100 MΩ	12 kV 100 MΩ	12 kV 100 MΩ	16 kV 100 MΩ	16 kV 100 MΩ
Extensions										
Safety current limitation HV	○		○		○	○				
Burn function	○		○		○	○				
Voltage read-back	○	○	○	○	○	○				

• Standard ○ Optional

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.