Single Testers

Testing device with only one integrated test method

	Handheld-HV	Handheld-Iso	Handheld-PE	GLP1-e HV	GLP1-e HV	GLP1-e HV	GLP1-e HV	GLP1-e	GLP1-e	GLP2-e | ce
high voltage AC				3 | 6KV	12KV	15…50KV				3…12KV
high voltage DC	2.5KV						1…6KV			
insulation resistance		100…1000V 30MΩ						100…1000V 30MΩ		
PE resistance			10A 0.7Ω						10…30A 0.7Ω	
leakage current										
resistance										
surge voltage										
standard surge impulse										

	GLP2-e | ce HV	GLP2-e | ce	GLP2-e | ce	GLP2-e | ce	GLP2-e | ce	GLP2-e | ce	MTC2-light	MTC2	MTC2	MTC2	Normstoß
high voltage AC	10…100KV										
high voltage DC		1…40KV									
insulation resistance			25…10000V 100kΩ…10TΩ								
PE resistance				10…70A 0.7Ω							
leakage current					1µA…30mA 1-phase|3-phase 50Hz…1MHz						
resistance						1µΩ…1MΩ					
surge voltage							2.5 | 6KV	2.5 | 12 | 15KV	2.5 | 6 | 12 | 15KV	24 | 30KV	
standard surge impulse											6KV

Highlights

- reasonably priced
- compact | small
- OEM applications

Our single testers contain only one test method. They can be used for both, manual testing or automatic testing.

In production lines, you often find automatically performed tests that can be extended by switch-over relay fields (relay matrices).

We offer single testers mainly in the following families:
- Handheld
- GLP1
- GLP2
- MTC2

Refer to:

Combination Testers

Testing device with two or more integrated test methods

	high voltage AC	arc detection	high voltage DC	insulation resistance	polarization	PE resistance	leakage current	substitute leakage current	leakage current medical	residual voltage	short circuit	function 1-phase	function 1-/3-phase	resistance	capacity	inductivity
Handheld			•	•		•		•				•				
GLP1-e	•	•	•	•		•				•	•	•				
GLP2-e	•	•	•	•		•	•	•	•	•	•	•	•	•		
GLP2-ce	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
GLP3	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
MTC2			•	•	•									•		•
MTC3	•	•	•	•	•	•								•	•	•
MotorAnalyzer			•	•	•	•								•		

	surge voltage	partial discharge	sense of rotation	special tests	Mechanische Prüfung	visual examination	turn-to-turn faults	neutral zone	switch-over test methods	matrix	multi station
Handheld									•		
GLP1-e									•		
GLP2-e			•	•	•	•	•		•	•	•
GLP2-ce			•	•	•	•	•		•	•	•
GLP3	•	•	•	•	•	•			•	•	•
MTC2	•	•				•	•		•	•	
MTC3	•	•	•	•	•	•	•		•	•	•
MotorAnalyzer	•		•				•	•	•	•	

We offer combination testers for any imaginable combination of test methods. In addition to safety and functional tests, the tester can be equipped with physical tests such as temperature, pressure or flow rate.

Combination testers are available in the following families:
- Handheld
- GLP1
- GLP2
- GLP3
- MTC2
- MTC3
- MotorAnalyzer

The largest variety of combinations can be achieved with GLP3 testers.

Highlights

- combination of various test methods, safety tests and functional tests in one device
- extendable by various physical tests
- automatic switch-over between the test methods
- switch-overs for smallest and highest voltages and currents
- one connection and automatic successive test performance
- significant time-saving during the process
- switch-overs for dual and multi test stations

Combination testers usually combine at least two individual test methods in one testing device. The internal switch-over assures an automatic connection of the respective test leads to the test object.

Standard switch-overs are usually designed for single-phase and three-phase test objects.

If the product under test has further test connections, additional matrices allocate the test leads to the remaining test points.

Semi-automatic and manual tests
After all leads, e.g. the mains plug, have been connected to the testing device, the PE test points are contacted manually with a test probe. Following, the tester performs all the other tests successively automatic in a pre-programmed routine. The internal switch-over connects test methods to the respective connections.

Fully-automatic tests
All necessary test leads can be connected to the test object in one processing step. After activating the shock-hazard protection, the test process starts. All tests are performed successively. The internal switch-over connects test methods to the respective connections.

If the tester is designed as a dual or multi station, you can remove the tested product at any desired station and replace it by a new test object while the test is in process.

Refer to: