

► Application

High voltage stationary installation systems SVS-50CP and SVS-100CP are designed for acceptance and maintenance testing of the electrical insulation properties of personal protection tools and accessories.

The main advantage of SVS-50CP and SVS-100CP compared to SVS-MP series is their full-automatic testing mode.

The testing bath has a built-in pump, which fills gloves or other objects under the test with water.

The tester automatically disconnects the test voltage from objects where a leakage current has exceeded a preset threshold. After the test is concluded the device displays a test report.

After the gloves had been tested it is necessary to dry them up.



Test basin



Measuring unit



Control unit

SVS-50CP
(SVS-100CP*)



High voltage unit



* - The SVS-100CP system features an additional high-voltage unit.

► Technical specifications

Parameter	Value	
	SVS-50CP	SVS-100CP
Output test AC voltage ranges, kV	0.1; 3; 15; 50	0.1; 3; 15; 50; 100
Leakage current measuring range, mA	0.3 – 10 (1 channel)	
Test basin specifications:		
• Maximum voltage, kV	15	
• Range of measurements of leakage currents, mA	0.3-7.5 (4 channels)	
High-voltage sources count	1	2
Testing bath type	plastic, automatically controlled	plastic, automatically controlled
Leakage current measuring channels count	4 + 1	4 + 1
Output test AC voltage measuring range, kV	"100 V"	0.02 – 0.1
	"3 kV"	1.0 – 3
	"10 kV"	–
	"15 kV"	1.0 – 15
	"50 kV"	10 – 50
	"100 kV"	–
Accuracy, max	3 % of full scale	
Power consumption, kVA, max	0.9	
Supply voltage, V	220 ± 22	
Frequency, Hz	50 ± 1	
Control unit net weight, kg, max	3	
Testing bath net weight, kg, max	20	
High-voltage unit net weight, kg, max	25	25
Measuring unit net weight, kg, max	27	27
Control unit dimensions, mm	316 x 187 x 132	
Testing bath dimensions, mm	700 x 795 x 865	
High-voltage unit dimensions, mm	390 x 370 x 330	
Measuring unit dimensions, mm	330 x 500 x 380	

► Functional features

Features	50 (100) C
Automatic filling gloves with water	✓
Automatic testing voltage application/cutting off	✓
Breakdown voltage value holding after test is done	✓
Glove holders with a lever	✓
Less gloves than measuring channels count can be tested	✓
Testing bath with a drain pump	✓
Graphic display with indication of test mode/voltage applied/time	✓
Testing of Overshoes and high-voltage testers	✓