

## ► Application

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

Installation systems allow for testing of the following:

- Rubber insulating gloves;
- Dielectric rubber boots and galoshes;

- Handheld tools with insulated handles (screwdrivers, nippers, pliers, etc.).
- Voltage probes;
- Dielectric rods.

The installation systems' equipment can also be used as high voltage testers for testing insulation properties of cables, insulators, etc. with an AC current.



Test basin

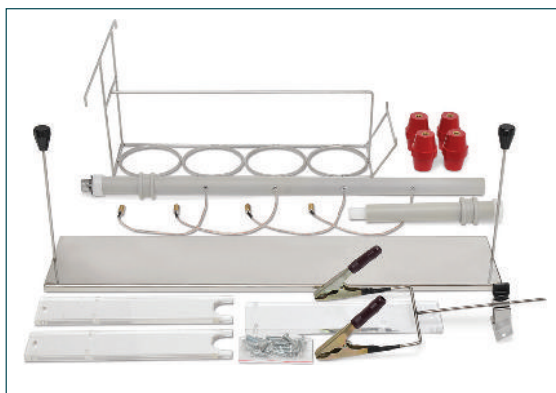
**SVS-50MP**  
(SVS-100MP\*)



High voltage unit



Control unit



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

## ► Technical specifications

Parameter	Value		
	SVS-50MP	SVS-100MP	
Output test AC voltage ranges, kV	0.1; 3; 15; 50	0.1; 3; 15; 100	
Leakage current measuring range, mA	0.3 – 10 (1 channel)		
<b>Test basin specifications:</b>			
• 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	stainless steel, manually controlled	stainless steel, manually controlled	
Leakage current measuring channels count	4 + 1	4 + 1	
Output test AC voltage measuring range, kV	"100 V"	0.01 – 0.999	
	"3 kV"	0.3 – 3	
	"10 kV"	–	–
	"15 kV"	1.5 – 15	
	"50 kV"	5 – 50	–
	"100 kV"	–	10 – 99.9
Accuracy, max	3 % of full scale		
Power consumption, kVA, max	0.8		
Supply voltage, V	220 ± 22		
Frequency, Hz	50 ± 1		
Control unit net weight, kg, max	14		
Testing bath net weight, kg, max	10		
High-voltage unit net weight, kg, max	25	25	
Measuring unit net weight, kg, max	–	–	
Control unit dimensions, mm	390 x 320 x 200	390x320x200	
Testing bath dimensions, mm	390 x 820 x 390		
High-voltage unit dimensions, mm	390 x 370 x 330		
Measuring unit dimensions, mm	–	–	

## ► Functional features

Features	50 (100) M
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	✓