

SRP-50k0-10G0 SRP-50k0-100G0

Technical specification:

Resistance range	Resolution	Accuracy	
		SRP-50k0-10G0	SRP-50k0-100G0
50...20000 kΩ	50 kΩ	0,1% s.v.	0,05% s.v.
20050...100000 kΩ	50 kΩ	0,2% s.v.	0,1% s.v.
100,1...200,0 MΩ	0,1 MΩ	0,2% s.v.	0,1% s.v.
200,1...1000,0 MΩ	0,1 MΩ	0,5% s.v.	0,2% s.v.
1,001...2,000 GΩ	0,001 GΩ	0,5% s.v.	0,2% s.v.
2,001...10,000 GΩ	0,001 GΩ	1,0% s.v.	0,5% s.v.
10,001...100,000 GΩ*	0,001 GΩ	-	0,5% s.v.

*- only SRP-50k0-100G0

s.v.- „selected value”

Additional technical specification:

- supply voltage U 100...240V AC (50/60Hz)
- maximum power consumption 75VA
- operating temperature range +10...30 °C
- maximum current in the measuring circuit 1,5mA
- maximum operating voltage 2500V DC
- long-term stability of resistors <1%
- maximum operating altitude 2000m
- dimensions 540 x 450 x 200mm
- weight approx 16kg

The calibrators should be used at ambient temperature from 10 to 30°C, relative humidity from 25 to 60% and atmospheric pressure from 630 to 800 mm Hg.

Storage temperature range in the original packaging:

- -20...+60°C
- 80 % maximum relative humidity for the temperatures up to 31°C and with linear decrease of the relative humidity up to 50% for the temperature increase to 40°C

Storage temperature range without packaging:

- +10...+30°C maximum relative humidity up to 80% at 35°C

The SRP software is used to connect the calibrators with a PC.

The software is easy to use and is a useful tool in the process of testing the devices by means of the calibrator. The calibrator should be connected to a computer via the USB port.

Software functions:

- remote control of the calibrator,
- create and save the automatic programs to check the tested devices,
- set the keypad lock and time to sleep mode,
- change the display brightness and keypad tones,
- software language selection,
- calibrator software update from the PC via the USB interface.

