

## Data sheet

## Laboratory Sterilizer SRN 53 Smart



The photo above is for reference only, may show additional options not included in standard equipment. The real appearance, particularly color and structure of the material may differ from the ones presented in the photo.

### Advantages of the SMART controller:

- 4,3", clear, full colour touch screen
- LAN, USB ports for data transfer
- multi-segment time and temperature programs
- visual and sound alarm
- internal memory for programs and data storage
- event registry
- user manual for direct download
- Quick change of program parameters
- Alarm Bar
- operating with gloves on



**Smart** - preview screen

## TECHNICAL DATA

air convection	natural
chamber capacity [l]	56
working capacity [l]	56
controller	microprocessor PID
display	4,3" full colour touch screen

## TEMPERATURE

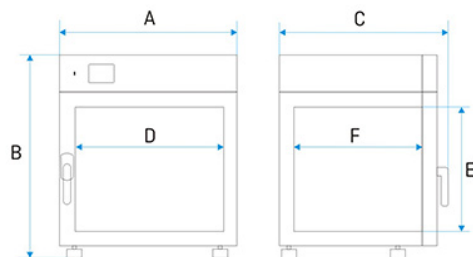
temperature range [°C]	5°C above ambient temperature ... +250°C
temperature resolution every ... [°C]	0,1
temperature fluctuation at 105°C [+/°C]*	0,4
temperature variation at 105°C [+/°C]*	2,0
over temperature protection	class 2.0 to DIN 12880 / class 3.1 (option)

## CHAMBER

door	solid / door with viewing window (option)
<b>interior</b>	
Smart	acid-proof stainless steel to DIN 1.4301
IG Smart	acid-proof stainless steel to DIN 1.4301
<b>housing</b>	
Smart	powder coated sheet
IG Smart	stainless steel linen finish

## overall dims [mm] /1/

A width	590
B height	710
depth C	620
<b>internal dims [mm]</b>	
width D	400
height E	390
depth F	360



shelves (standard   max)	2   5
max shelf workload [kg] /2/	25
- reinforced shelf version (PW) [kg] /3/	50
max unit workload [kg]	40
weight [kg]	48

## ELECTRICAL PARAMETERS

power supply	230V 50-60Hz
nominal power [W]	1700
warranty	24 months
manufacturer	POL-EKO-APARATURA

all the above technical data refer to standard units (without optional accessories)

\* - fluctuation measured in centre of the chamber; in space, variation (K) calculated for chamber as:

$K = \frac{T_{\text{average max.}} - T_{\text{average min.}}}{2}$

\*\* - other power supplies on request

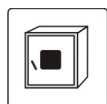
1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

4 - reinforced version

## OPTIONS AND ACCESSORIES



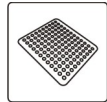
Order number: \*/A

Door with viewing window



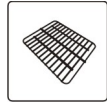
Order number: \*/P INOX

Stainless steel wire shelf INOX



Order number: \*/PP

Perforated shelf



Order number: \*/PW

Reinforced shelf



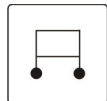
Order number: KUW GN\*/\*

Stainless steel cuvettes



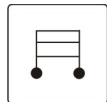
Order number: QLK\*

Wheels



Order number: \*/S or \*/S INOX

Table with wheels



Order number: \*/ST or \*/S INOX

Base on castors



Order number: OWW/OWW LED

Interior lighting





Order number: HEPA

HEPA Clean Air Filter



Order number: OCZ/N

Non-standard access port for external sensor

<b>LAB DESK</b>	Order numberLabDesk	LabDesk software
<b>&gt;O&lt;</b>	Order number: BRT/*L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification
<b>DIN 3.1</b>	Order number: */3.1	Over temperature protection 3.1 class according to DIN 12880
	Order number: BPP 12	Battery backup for display
<b>ALARM</b> 	Order number: PORT ALARM	Dry alarm contact