

## Data sheet

## Drying Oven SLN 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 ... +300°C
temperature resolution every ... [°C]	0,1
temperature fluctuation at 105°C [±°C]*	0,4
temperature variation at 105°C [±°C]*	2
over temperature protection	class 2.0 to DIN 12880 / class 3.1 (option)

**CHAMBER**

door type	solid / door with viewing window (option)
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**interior**

Smart	acid-proof stainless steel to DIN 1.4301
IG Smart	acid-proof stainless steel to DIN 1.4301

**housing**

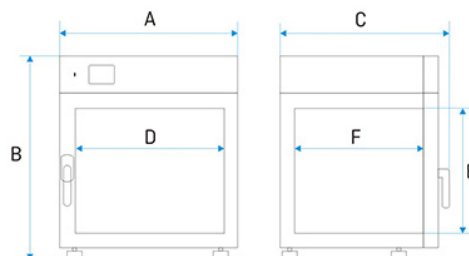
Smart	powder coated sheet
IG Smart	stainless steel linen finish

**overall dims [mm] /1/**

width A	590
height B	710
depth C	620

**internal dims [mm]**

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
- reinforced unit version (W) [kg] /4/	80
weight [kg]	50

## ELECTRICAL PARAMETERS

voltage**	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:

$K = \pm (T \text{ average max.} - T \text{ average min.}) / 2$

\*\* - 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: \*/W

Reinforced version



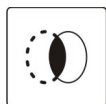
Order number: OWW/OWW LED

Interior lighting



Order number: HEPA

HEPA Clean Air Filter



Order number: OCZ/N

Non-standard access port for external sensor



Order number LabDesk

LabDesk software



Order number: BRT/\*/L or IQ/OQ/PQ

Calibration and IQ, OQ, PQ qualification



Order number: \*/3.1

Over temperature protection 3.1 class according to DIN 12880



Order number: BPP 12

Battery backup for display



Order number: PORT ALARM

Dry alarm contact