POL-EKO
Perfect Environment

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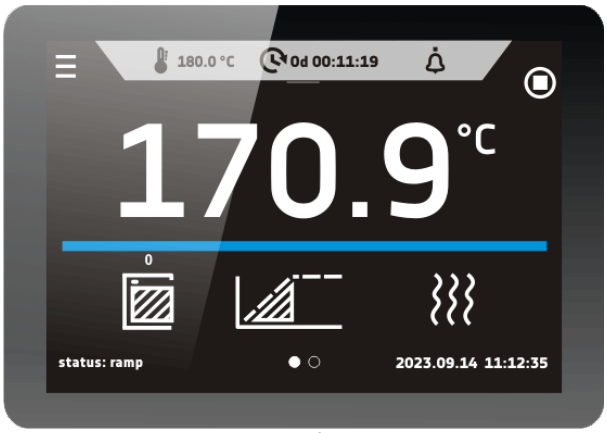
Data sheet

Drying Oven
SLN 180 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.

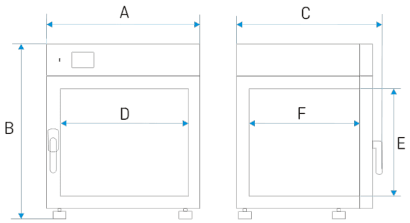
Advantages of the SMART controller:
- 4,3”, clear, full colour touch screen
- LAN, USB ports for data transfer
- multi-segment time and temperature programs
- visual and sound alarm
- internal memory for programs and data storage
- event registry
- user manual for direct download
- Quick change of program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



Smart - preview screen

1	69
type	SLN 180 Smart
TECHNICAL DATA	
air convection	natural
chamber capacity [l]	180
working capacity [l]	180
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]*	2,3
temperature protection	class 2.0 to DIN 12880 / class 3.1 (option)
CHAMBER	
door type	solid / door with viewing window (option)
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	660
height B	1040
depth C	820
internal dims [mm]	
width D	470
height E	720
depth F	560



shelves (standard | max)	3 | 9
max shelf workload [kg] /2/	25
- reinforced shelf version (PW) [kg] /3/	50
max unit workload [kg]	75
- reinforced unit version (W) [kg] /4/	120
weight [kg]	88

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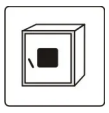
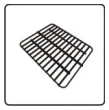
ELECTRICAL PARAMETERS	
voltage**	230V 50-60Hz
nominal power [W]	2500
warranty	24 months
manufacturer	POL-EKO
txt_opis_pt	all the above technical data refer to standard units (without optional accessories) * - fluctuation measured in centre of the chamber; in space, variation (K) calculated for chamber as: K= +/- (T average max. - T 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
PL typ urządzenia	Drying Oven
img_photo	SLN-180-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.	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.
nazwa www pl	Suszarka Laboratoryjna SLN 180 Smart
nazwa www EN	Drying Oven SLN 180 Smart
nazwa www ES	Estufa de Secado SLN 180 Smart
ekran_grafika	sln_smart
	Suszarki Laboratoryjne
0	1

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= +/- (T average max. - T 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

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Order number: QLK*	Castors
Order number: */S or */S INOX	Table with castors
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 numberLabDesk	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
Order number: LANK	LAN cable
Order number: OCZ/20	Non-standard access port 20 mm
Order number: OCZ/30	Additional access port 30 mm
Order number: OCZ/60	Non-standard access port 60 mm
Order number: OCZ/100	Non-standard access port 100 mm
Order number: KD	Access control