

Data sheet

Drying Oven with nitrogen blow SLWN 53 Smart PRO



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 PRO controller:

- large (7"), clear, full colour touch screen
- LAN, USB ports and WiFi for communication and data transfer
- multi-segment time and temperature programs
- overview of data in tabular and graphic form
- visual and sound alarm
- Admin function for management
- password protected log-in
- internal memory for programs and data storage
- event registry with user notifications
- LabDesk software and user manual for direct download



Smart PRO - preview screen

TECHNICAL DATA

air convection	forced
chamber capacity [l]	56
working capacity [l]	56
controller	microprocessor PID
display	7 full colour touch screen

TEMPERATURE

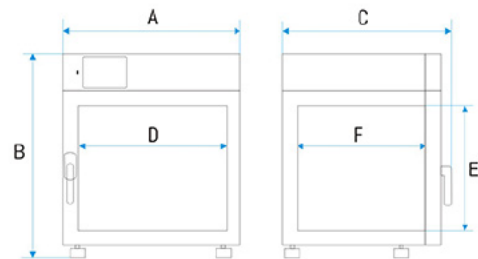
temperature range [°C]	5°C above ambient temperature ... +300°C
temperature resolution every ... [°C]	0,1
temperature fluctuation at 105°C [±°C]*	0,2
temperature variation at 105°C [±°C]*	2,0
over temperature protection	class 3.1 to DIN 12880

CHAMBER

door type	solid / door with viewing window (option)
interior	
Smart PRO	DIN 1.4301
IG Smart PRO	DIN 1.4301
housing	
Smart PRO	powder coated sheet
IG Smart PRO	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]	48

ELECTRICAL PARAMETERS

voltage**	230V 50-60Hz
nominal power [W]	1700
warranty	24 months
manufacturer	POL-EKO-APARATURA
	Available models: SLWN1 the kit includes connections, valves and a laboratory rotameter (which can be calibrated) SLWN2 the kit includes connections, valves and a tech rotameter (which cannot be calibrated) type of rotameter must be specified while placing an order (it is not possible to change a technical rotameter into a laboratory one and vice versa)
txt_opis pod tabelą	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

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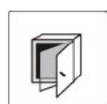
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OPTIONS AND ACCESSORIES



Order number: */C

Internal glass door



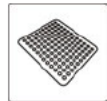
Order number: */A

External glass door



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

 ALU	Order number: ST/CHL/SWP ALU	Aluminum drawer with powder coated slides
 INOX	Order number: ST/CHL/SWP INOX	Stainless steel drawer with powder coated slides
 INOX/INOX	Order number: ST/CHL/SWPN INOX	Stainless steel drawer with stainless steel slides
	Order number: ORG-FARM	Pharma organizer
	Order number: *PLUS	Automatic defrosting function
	Order number: GNZ	Internal socket
 LAB DESK	Order number: LabDesk	LabDesk software
	Order number: BRT/*L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification
 DIN 3.2	Order number: */3.2	Over temperature protection 3.2 class according to DIN 12880
	Order number: BPP 12	Battery backup for display
 ALARM	Order number: PORT ALARM	Dry alarm contact
 USB	Order number: USBK	USB cable
 LAN	Order number: LANK	LAN cable
	Order number: KD	Access control