

Data sheet

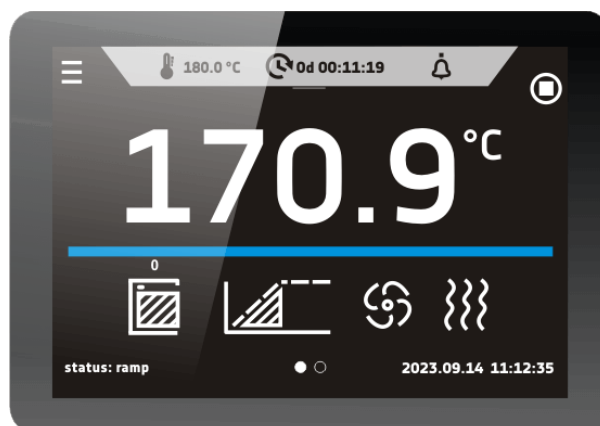
Drying Oven with nitrogen blow **SLWN 15 Smart**



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	forced
chamber capacity [l]	15
working capacity [l]	15
controller	microprocessor PID
display	4,3" full colour touch screen

TEMPERATURE

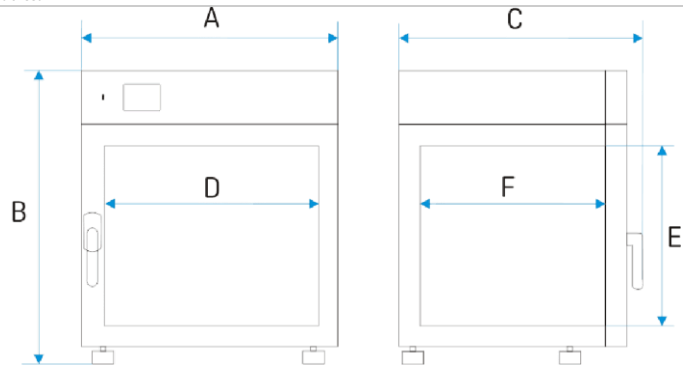
temperature range [°C]	5°C above ambient temperature ... +300°C
temperature resolution every ... [°C]	0,1
temperature fluctuation at 105°C [+/°C]*	0,3
temperature variation at 105°C [+/°C]*	2,0
temperature protection	class 2.0 to DIN 12880 / class 3.1 (option)

CHAMBER

door type	solid
interior	
Smart	acid-proof stainless steel to DIN 1.4301
housing	
Smart	powder coated sheet

overall dims [mm] /1/

width A	510
height B	550
depth C	470
internal dims [mm]	
width D	320
height E	230
depth F	200



shelves (standard max)	1 2
max shelf workload [kg] /2/	10

max unit workload [kg]	20
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weight [kg]	31
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ELECTRICAL PARAMETERS

voltage**	230V 50-60Hz
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nominal power [W]	700
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warranty	24 months
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manufacturer	POL-EKO*
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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) 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



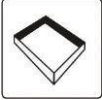


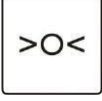



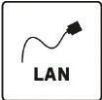

1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

4 - reinforced version

OPTIONS AND ACCESSORIES

		Order number: */P INOX	Stainless steel wire shelf INOX
		Order number: */PP	Perforated shelf
Order		number: KUW GN*/*	Stainless steel cuvettes
		Order number: HEPA	HEPA Clean Air Filter
		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
		Order number: LANK	LAN cable
		Order number: KD	Access control