Data sheet

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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

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TECHNICAL DATA

air convection	forced
chamber capacity [l]	27
working capacity [l]	14
controller	microprocessor PID
display	4,3" full colour touch screen

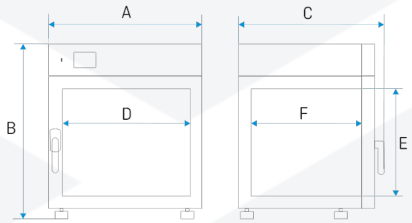
TEMPERATURE

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
temperature protection	class 2.0 to DIN 12880 / class 3.1 (option)

CHAMBER

door type	solid
interior	
Smart	corrosion-resistant stainless steel to DIN 1.4301
housing	
Smart	powder coated sheet

overall dims [mm] /1/	
width A	510
height B	553
depth C	480
internal dims [mm]	
width D	320
height E	240
depth F	200



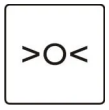
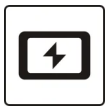
shelves (standard | max)	1 | 2
max shelf workload [kg] /2/	10
max unit workload [kg]	20
weight [kg]	31

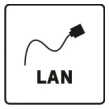
ELECTRICAL PARAMETERS	
voltage	230V 50/60Hz
nominal power [W]	700
warranty	24 months
manufacturer	POL-EKO®

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= +/- (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: */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: 5-1200-5009-0401001	Solenoid valve SLWN