Richmond Scientific

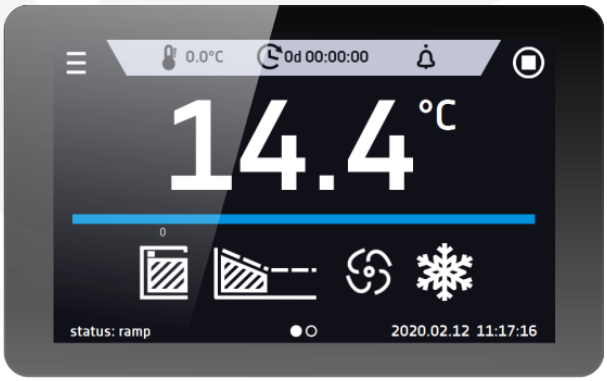
Data sheet

Drying Oven with nitrogen blow

SLWN 32 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]	32
working capacity [l]	32
controller	microprocessor PID
display	4,3" full colour touch screen

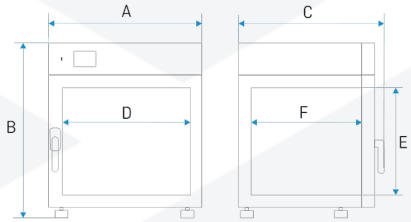
TEMPERATURE

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
IG Smart	-
housing	
Smart	powder coated sheet

overall dims [mm] /1/	
width A	590
height B	640
depth C	520
internal dims [mm]	
width D	400
height E	320
depth F	250



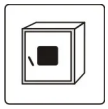
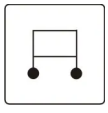
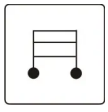
shelves (standard | max)	1 | 3
max shelf workload [kg] /2/	10
max unit workload [kg]	30
weight [kg]	35

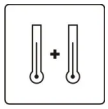
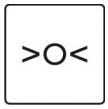
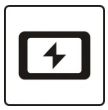
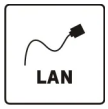
ELECTRICAL PARAMETERS	
voltage**	230V 50-60Hz
nominal power [W]	1200
warranty	24 months
manufacturer	POL-EKO

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: */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*	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: PT 100	Additional temperature sensor
	Order number: HEPA	HEPA Clean Air Filter
	Order number: BRT/*/L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification
	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