

Data sheet

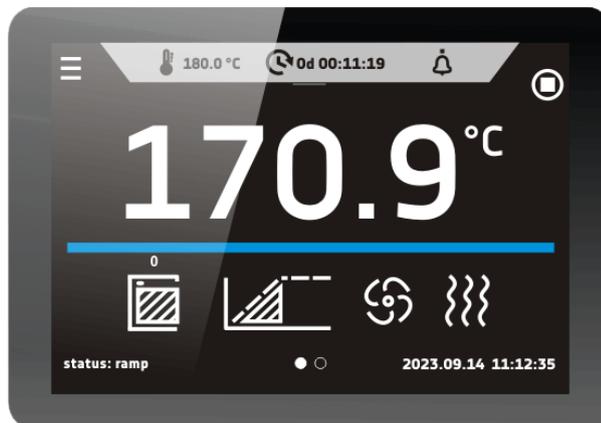
Drying Oven with nitrogen blow **SLWN 32 Smart**



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

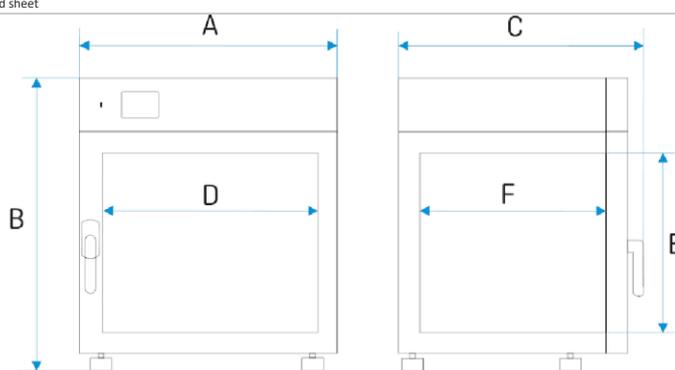
| | |
|-----------|--|
| door type | solid |
| interior | |
| Smart | acid-proof stainless steel to DIN 1.4301 |
| IG Smart | - |
| housing | |
| Smart | powder coated sheet |

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 |



Part Science • Part Art

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:

$$K = \pm (T \text{ average max.} - T \text{ average min.}) / 2$$

** - other power supplies on request

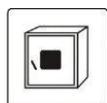
1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

4 - reinforced version

OPTIONS AND ACCESSORIES



Order number: */A

door with viewing window



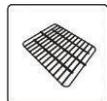
Order number: */P INOX

Stainless steel wire shelf INOX



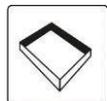
Order number: */PP

Perforated shelf



Order number: */PW

Reinforced shelf



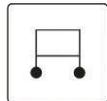
Order number: KUW GN*/*

Stainless steel cuvettes



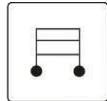
Order number: QLK*

Castors



Order number: */S or */S INOX

Table with castors



Order number: */ST or */S INOX

Base on castors



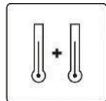
Order number: */W

Reinforced version



Order number: OWW/OWW LED

Interior lighting



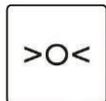
Order number: PT 100

Additional temperature sensor



Order number: HEPA

HEPA Clean Air Filter



Order number: BRT/* /L or IQ/OQ/PQ

Calibration and IQ, OQ, PQ qualification



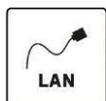
Order number: BPP 12

Battery backup for display



Order number: PORT ALARM

Dry alarm contact



Order number: LANK

LAN cable



Order number: KD

Access control