



Data sheet

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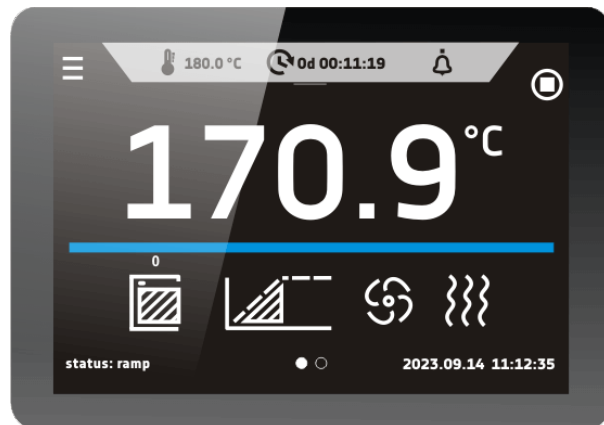
Drying Oven SLW 53 Smart



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] | 83 |
| working capacity [l] | 55 |
| 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]* | 0,2 |
| temperature variation at 105°C [+/-°C]* | 2 |
| temperature protection | class 2.0 to DIN 12880 / class 3.1 (option) |

CHAMBER

| | |
|-----------------|---|
| door type | solid / door with viewing window (option) |
| interior | |
| Smart | acid-proof stainless steel to DIN 1.4301 |
| IG Smart | acid-proof stainless steel to DIN 1.4301 |
| housing | |
| Smart | powder coated sheet |
| IG Smart | stainless steel linen finish |

overall dims [mm] /1/

| | |
|----------|-----|
| width A | 600 |
| height B | 710 |
| depth C | 620 |

internal dims [mm]

| | |
|----------|-----|
| width D | 400 |
| height E | 390 |
| depth F | 350 |



| | |
|--|-------|
| 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® |

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: HEPA | HEPA Clean Air Filter |



Order number: LabDesk

LabDesk software



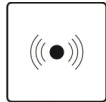
Order number: BRT/*L or IQ/OQ/PQ

Calibration and IQ, OQ, PQ qualification



Order number: */3.1

Over temperature protection 3.1 class according to DIN 12880



Order number: RFID LOCK (SMART)

RFID LOCK (SMART)



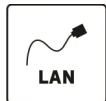
Order number: BPP 12

Battery backup for display



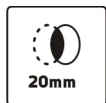
Order number: PORT ALARM

Dry alarm contact



Order number: LANK

LAN cable



Order number: OCZ/20

Non-standard access port 20 mm



Order number: OCZ/30

Additional access port 30 mm



Order number: OCZ/60

Non-standard access port 60 mm



Order number: OCZ/100

Non-standard access port 100 mm