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Data sheet







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



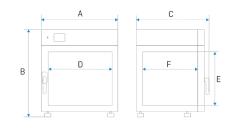


TECHNICAL DATA

air convection	forced
chamber capacity [I]	105
working capacity [I]	105
controller	microprocessor PID
display	4,3" full colour touch screen
TEMPERATURE	
temperature range [°C]	5°C above ambient temperature +250°C
temperature resolution every [°C]	0,1
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	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	700
height B	910
depth C	700
internal dims [mm]	
width D	460
height E	530
depth F	430



shelves (standard max)	2 7
max shelf workload [kg] /2/	10
- reinforced shelf version (PW) [kg] /3/	50
max unit workload [kg]	60
- reinforced unit version (W) [kg] /4/	120
weight [kg]	65





ELECTRICAL PARAMETERS

voltage**	230V 50-60Hz
nominal power [W]	2500
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= +/- (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		
\bigcirc	Order number: KUW GN*/*	Stainless steel cuvettes		
	Order number: OWW/OWW LED	Interior lighting		
HEPA	Order number: HEPA	HEPA Clean Air Filter		
LAB DESK	Order numberLabDesk	LabDesk software		
>0<	Order number: BRT/*/L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification		
DIN 3.1	Order number: */3.1	Over temperature protection 3.1 class according to DIN 12880		
+	Order number: BPP 12	Battery backup for display		
Bank: ING BŚ o/Wodzisław Śląski Nr rachunku: 90 1050 1403 1000 0022 0879 5498 Nr rej. w BDO 000005609 NIP: 647-216-26-87 REGON: 276111984 Sąd Rejonowy w Gliwicach, X Wydział Gospodarczy KRS 0001009595				



	C
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ALARM

Order number: PORT ALARM

Dry alarm contact

LAN cable

Order number: LANK LAN

 (\mathbf{I}) 20mm

Order number: OCZ/20

Non-standard access port 20 mm

 (\mathbf{I}) 30mm

Order number: OCZ/30

Additional access port 30 mm

60mm

Order number: OCZ/60

Non-standard access port 60 mm

100mm

(((●)))

Order number: OCZ/100

Non-standard access port 100 mm

Order number: KD

Access control

