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POL-EKO A.Polok-Kowalska sp.k. 44-300 Wodzisław Śląski ul. Kokoszycka 172 C

## Data sheet

## CHL 3 / ST 2 Smart PRO



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 PRO controller:

- large (7"), clear, full colour touch screen
- LAN, USB ports and WiFi for communication and data transfer  $% \left( 1\right) =\left( 1\right) \left( 1\right$
- multi-segment time and temperature programs
- overview of data in tabular and graphic form
- visual and sound alarm
- Admin function for management
- password protected log-in
- internal memory for programs and data storage
- event registry with user notifications
- LabDesk software and user manual for direct download



Smart PRO - preview screen



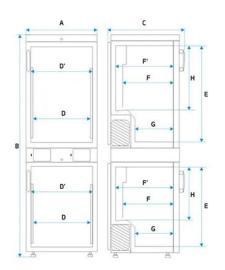


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air convection	forced
chamber capacity [I]	200 / 150
working capacity [I]	163 / 122
controller	microprocessor PID
display	7" full colour touch screen
TEMPERATURE	
temperature range [°C]	0+15 / +3+70
temperature resolution every [°C]	0,1
temperature fluctuation at 37°C [+/-°C]*	0,3
temperature fluctuation at 4°C [+/-°C]*	0,4
temperature variation at 37°C [+/-°C]*	0,6
temperature variation at 4°C [+/-°C]*	0,7
temperature protection	class 3.2 to DIN 12880
CHAMBER	
door type	solid / glass or double (option) /4/
interior	
P Smart PRO	DIN 1.4301
PS Smart PRO	DIN 1.4301
housing	
P Smart PRO	powder coated sheet
PS Smart PRO	stainless steel polished

overall dims [mm] /1/	
width A	600
height B	1910
depth C	650
internal dims [mm]	
width D	480
width D'	520
height E	860 / 660
depth F	420
depth F'	480
depth G	320
height H	640 / 440



shelves (standard   max)	3   4 / 3   4
max shelf workload [kg] /2/	10
max unit workload [kg]	30 / 30
weight [kg]	114





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ELECTRICAL PARAMETERS		
voltage**	230V 50-60Hz	
nominal power [W]	500	
refrigerant	R1234ze / GWP=1	
warranty	24 months	

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; parameters given for the chamber above the bottom step
- \*\* other power supplies on request
- 1 depth doesn't include 50 mm of power cable, the width does not include the 20 mm of rubber plug
- 2 on uniformly loaded surface
- 3 reinforced shelf
- 4 additional internal glass door

## **OPTIONS AND ACCESSORIES**

	Order number: */C	Internal glass door
	Order number: */A	External glass door
INOX	Order number: */P INOX	Stainless steel wire shelf INOX
	Order number: */PP	Perforated shelf
	Order number: */PW	Reinforced shelf
	1	



Order number: KUW GN\*/\* Stainless steel cuvettes



Order number: ST/CHL/SWP ALU Aluminum drawer with powder coated slides



Order number: ST/CHL/SWP INOX Stainless steel drawer with powder coated slides



Order number: ST/CHL/SWPN INOX Stainless steel drawer with stainless steel slides



Order number: \*PLUS Automatic defrosting function



Order number: ST/70 Extended temperature range to 70°C





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Order number: \*/FOT Photoperiodic system



Order number: GNZ Internal socket



Order numberLabDesk LabDesk software



Order number: BRT/\*/L or IQ/OQ/PQ Calibration and IQ, OQ, PQ qualification

DIN 3.2

Order number: \*/3.2 Over temperature protection 3.2 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: 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



Order number: KD Access control



Order number: CCTV Camera inside the chamber



Order number: CCTV CAM Additional camera

