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POL-EKO A.Polok-Kowalska sp.k. 44-300 Wodzisław Śląski

ul. Kokoszycka 172 C

Laboratory Refrigerator CHL 2/3 Smart PRO

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 PRO controller:

- large (7"), clear, full colour touch screen
- LAN, USB ports and WiFi for communication and data transfer
- 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





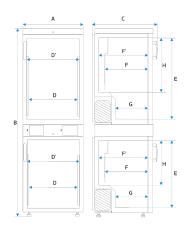
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thamber capacity [I] 150 / 200 working capacity [I] 122 / 163 controller microprocessor PID display 7" full colour touch screen TEMPERATURE temperature range [*C] 0+15 temperature resolution every [*C] 0.1 temperature fluctuation at 4°C [+/-*C]* 0.7 temperature variation at 4°C [+/-*C]* 0.7 temperature protection class 3.2 to DIN 12880 CHAMBER toor type solid / glass or double (option) /4/ interior C Smart PRO stainless steel to DIN 1.4016 25 Smart PRO acid-proof stainless steel to DIN 1.4301 25 Smart PRO acid-proof stainless steel to DIN 1.4301 25 Smart PRO powder coated sheet c Smart PRO powder coated sheet c Smart PRO powder coated sheet c Smart PRO powder coated sheet	TECHNICAL DATA	
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P Smart PRO powder coated sheet	C Smart PRO	powder coated sheet
	CS Smart PRO	stainless steel polished
PS Smart PRO stainless steel polished	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	660 / 860
depth F	420
depth F'	480
depth G	320
height H	440 / 640



shelves (standard max)	3 4 / 3 4
max shelf workload [kg] /2/	10
max unit workload [kg]	30 / 40
weight [kg]	114





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ELECTRICAL PARAMETERS	
voltage**	230V 50-60Hz
nominal power [W]	500
refrigerant	R1234ze / GWP=7
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; 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
	Order number: KUW GN*/*	Stainless steel cuvettes
ALU	Order number: ST/CHL/SWP ALU	Aluminum drawer with powder coated slides
INOX	Order number: ST/CHL/SWP INOX	Stainless steel drawer with powder coated slides
INOX/INOX	Order number: ST/CHL/SWPN INOX	Stainless steel drawer with stainless steel slides
**	Order number: *PLUS	Automatic defrosting function





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Order number: PT 100 Additional temperature sensor



Order number: GNZ Internal socket



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: 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

