

Data sheet

Laboratory Refrigerator CHL 5 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:

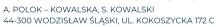
- 4,3", clear, full colour touch screen
- LAN, USB ports for data transfer
- multi-segment time and temperature programs
- visual and sound alarm
- internal memory for programs and data storage
- event registry
- user manual for direct download
- Quick change of program parameters
- Alarm Bar
- operating with gloves on



Smart - preview screen



tel. (+48) 32 453 91 70

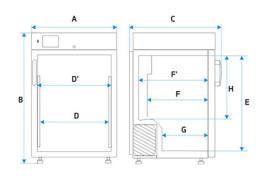




working capacity [I] 243 controller microprocessor PID display 4,3" full colour touch screen TEMPERATURE temperature range [°C] 0+15 temperature resolution every [°C] 0,1 temperature fluctuation at 4°C [+/-°C]* 0,4 temperature variation at 4°C [+/-°C]* 0,9 over temperature protection class 1.0 to DIN 12880 / class 3.2 (option) CHAMBER door type solid / glass or double (option) /5/ interior B Smart aluminium C Smart stainless steel to DIN 1.4016 CS Smart stainless steel to DIN 1.4016 P Smart DIN 1.4301	TECHNICAL DATA		
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C Smart powder coated sheet CS Smart stainless steel polished P Smart powder coated sheet	housing		
CS Smart stainless steel polished P Smart powder coated sheet	B Smart	powder coated sheet	
P Smart powder coated sheet	C Smart	powder coated sheet	
p	CS Smart	stainless steel polished	
PS Smart stainless steel polished	P Smart	powder coated sheet	
	PS Smart	stainless steel polished	

overall dims [mm] /1/

width A	620
height B	1500
depth C	650
internal dims [mm]	
width D	480
width D'	520
height E	1260
depth F	420
depth F'	480
depth G	320
height H	1040



shelves (standard max)	4 7
max shelf workload [kg] /2/	10
max unit workload [kg]	60
weight [kg]	75





A. POLOK – KOWALSKA, S. KOWALSKI 44-300 WODZISŁAW ŚLĄSKI, UL. KOKOSZYCKA 172 C

ELECTRICAL PARAMETERS		
voltage**	230V 50-60Hz	
nominal power [W]	350	
refrigerant	R1234ze / GWP=1	
warranty	24 months	
manufacturer	POL-EKO-APARATURA	

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
- 5 additional internal glass door

OPTIONS AND ACCESSORIES

Order number: */PP

Order number: */C	Internal glass door
Order number: */A	External glass door
Order number: */P	Wire shelf

INOX	Order number: */P INOX	Stainless steel wire shelf INOX

	Order number: */PW	Reinforced shelf

	Order number: KUW GN*/*	Stainless steel cuvettes
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	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

Perforated shelf

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





A. POLOK – KOWALSKA, S. KOWALSKI 44-300 WODZISŁAW ŚLĄSKI, UL. KOKOSZYCKA 172 C



Order number: ORG-FARM Pharma organizer



Order number: QLK* Wheels



Order number: *PLUS Automatic defrosting function



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: USBK USB cable



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

