

(+48) 32 453 91 70
□ info@pol-eko.com.pl
⊕ www.pol-eko.com.pl

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

Data sheet VDV Crucial Temperature Solutions

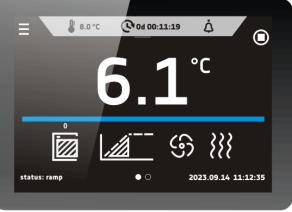
Laboratory Refrigerator CHL 1450 Smart



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



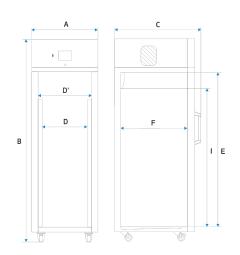


TECHNICAL DATA

air convection	forced	
chamber capacity [I]	1540	
working capacity [I]	1525	
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]*	1,0	
temperature variation at 4°C [+/-°C]*	1,2	
temperature protection	class 1.0 to DIN 12880 / class 3.2 (option)	
CHAMBER		
door type	solid / glass or double (option) /4/ solid (ZL)	
interior		
C Smart	stainless steel to DIN 1.4016	
CS Smart	stainless steel to DIN 1.4016	
P Smart	acid-proof stainless steel to DIN 1.4301	
PS Smart	acid-proof stainless steel to DIN 1.4301	
housing		
C Smart	powder coated sheet	
CS Smart	stainless steel polished	
P Smart	powder coated sheet	
PS Smart	stainless steel polished	

overall dims [mm] /1/

width A	1440
height B	1940
depth C	1060
internal dims [mm]	
width D	1270
width D'	1340
height E	1460
depth F	780
height I	1380



shelves (standard max)	2 x 3 11
max shelf workload [kg] /2/	30
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	300
weight [kg]	200





ELECTRICAL PARAMETERS

230V 50-60Hz
950
R290 / GWP=3
24 months
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, 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
	Order number: */P	Wire shelf
	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
ALU	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





