



Data sheet

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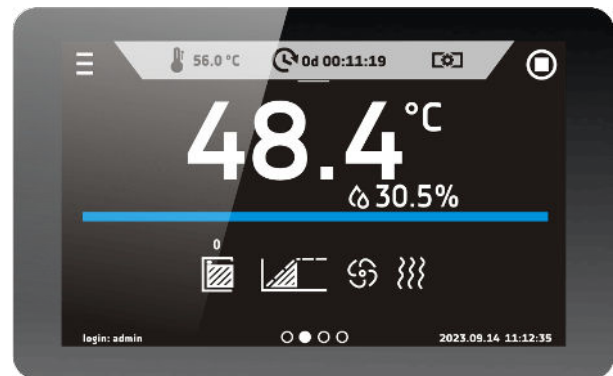
Climatic Chamber KKS 400 Smart PRO



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
- 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



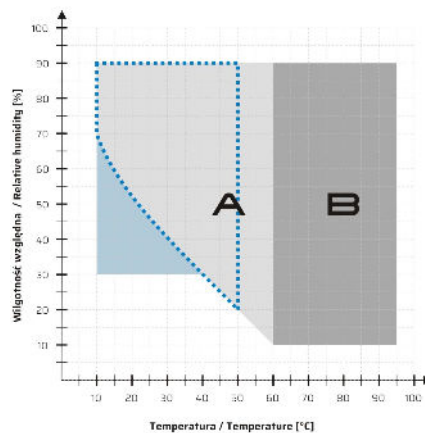
Smart PRO - preview screen

**TECHNICAL DATA**

air convection	forced
chamber capacity [l]	526
working capacity [l]	416
controller	microprocessor PID
display	7" full colour touch screen

TEMPERATURE AND HUMIDITY

temperature range [°C]	0...+100
temperature resolution every ... [°C]	0,1
temperature variation at 25°C and 60%rH [±/°C]*	2
temperature protection	class 3.3 to DIN 12880
relative humidity range [%]	10...90 (see chart for details)
humidity resolution every ... [%]	0,1
humidity variation at 25°C and 60% rH [%rH]	5



- KK, KKS (500, 700, 1200, 1450) pole A;
- KK, KKS (115, 240, 400, 750) pole A+B
- KK, KKS (500, 700, 1200, 1450) pole A;
- KK, KKS (115, 240, 400, 750) pole A+B
- obwarz prasy krótkoterminowej (max 24h)
short-term work area (max 24h)*
- KK FIT

* zakres temperatur i wilgotności, w którym kamera jest w stanie działać prawidłowo przez okres nie dłuższy niż 24 godziny.
 temperature and humidity range in which the chamber is able to operate properly for no longer than 24 hours.

CHAMBER

door type	double (external solid, internal glass) / external glass (option)
interior	
Smart PRO	acid-proof stainless steel to DIN 1.4301
IG Smart PRO	acid-proof stainless steel to DIN 1.4301
housing	
Smart PRO	powder coated sheet
IG Smart PRO	stainless steel linen finish

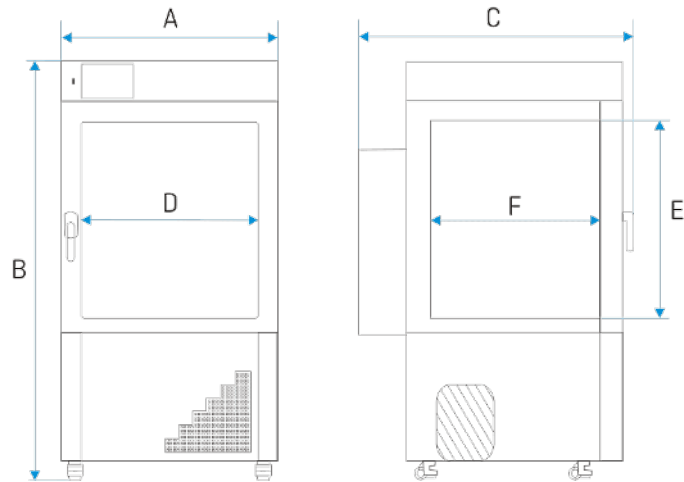


overall dims [mm] /1/

width A	1020
height B	1830
depth C	880

internal dims [mm]

width D	800
height E	1040
depth F	500



shelves (standard max)	3 14
max shelf workload [kg] /2/	10
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	120
weight [kg]	185

ELECTRICAL PARAMETERS

voltage	400V 50/60Hz
nominal power [W]	3650
refrigerant	R290 / GWP=3
warranty	24 months
manufacturer	POL-EKO®

all the above technical data refer to standard units (without optional accessories) and without a reverse osmosis system

* - variation (K) calculated for chamber as: $K = \pm (T \text{ average max.} - T \text{ average min.}) / 2$

** - other power supplies on request

1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

OPTIONS AND ACCESSORIES



Order number: */P INOX

Stainless steel wire shelf INOX



Order number: */PP

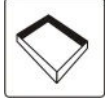
Perforated shelf





Order number: */PW

Reinforced shelf



Order number: KUW GN*/*

Stainless steel cuvettes



Order number: GNZ

Internal socket



Order number: BRT*/L or IQ/OQ/PQ

Calibration and IQ, OQ, PQ qualification



Order number: RFID LOCK (SMART PRO)

RFID LOCK (SMART PRO)



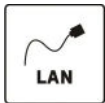
Order number: BPP 12

Battery backup for display



Order number: PORT ALARM

Dry alarm contact



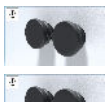
Order number: LANK

LAN cable



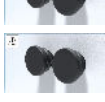
Order number: OCZ/20

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