POL-EKO
Perfect Environment

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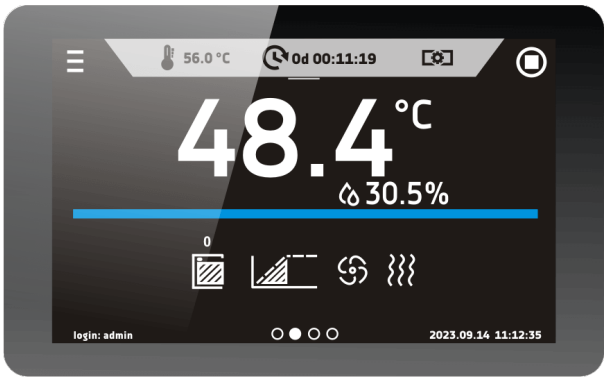
Data sheet

Climatic Chamber
KKS 240 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

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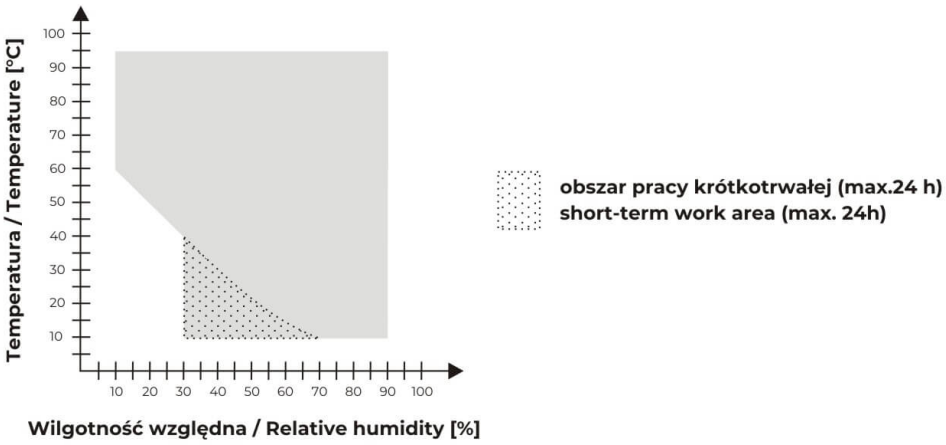
TECHNICAL DATA

air convection	forced
chamber capacity [l]	240
working capacity [l]	240
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]*	2,0
temperature protection	class 3.3 to DIN 12880
relative humidity range [%]	10...90 (see chart for details)
humidity resolution every ... [%]	1,0
humidity variation at 25°C and 60% rH [%rH]	5,0



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

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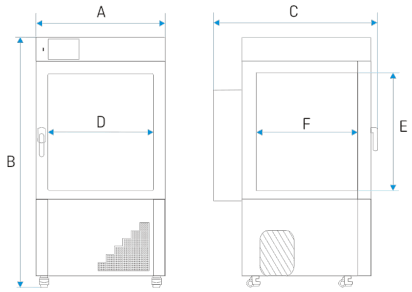
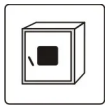
overall dims [mm] /1/	
width A	830
height B	1600
depth C	880
internal dims [mm]	
width D	600
height E	800
depth F	500



shelves (standard | max)	3 | 10
max shelf workload [kg] /2/	10
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	90
weight [kg]	140
ELECTRICAL PARAMETERS	
voltage**	230V 50-60Hz
nominal power [W]	3250
refrigerant	R1234ze / GWP=7
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= +/- (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

OPTIONS AND ACCESSORIES

	Order number: */A	door with viewing window
	Order number: */P INOX	Stainless steel wire shelf INOX
	Order number: */PP	Perforated shelf

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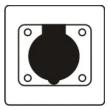
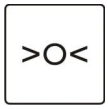
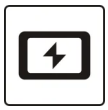
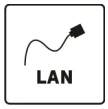
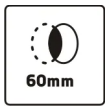
	Order number: */PW	Reinforced shelf
	Order number: KUW GN*/*	Stainless steel cuvettes
	Order number: GNZ	Internal socket
	Order number: BRT/*/L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification
	Order number: BPP 12	Battery backup for display
	Order number: PORT ALARM	Dry alarm contact
	Order number: 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