POL-EKO
APARATURA

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POL-EKO-APARATURA SP. J.
A. POLOK – KOWALSKA, S. KOWALSKI
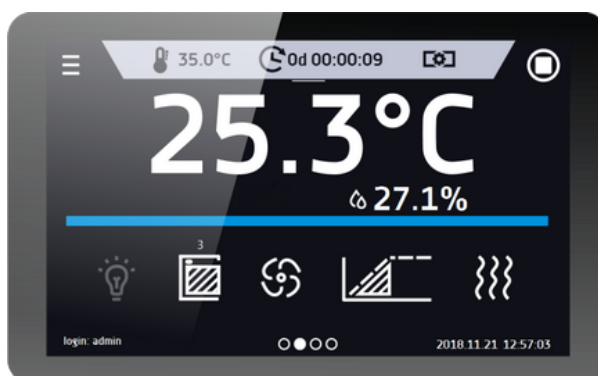44-300 WODZISŁAW ŚLĄSKI, UL. KOKOSZYCKA 172 C

Data sheet

Climatic Chamber
KKS 115 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

PN-EN ISO 9001
ISOCERT CERTIFICATE

Bank: ING BŚ o/Wodzisław Śl.
Nr rachunku: 90 1050 1403 1000 0022 0879 5498
Nr rej. W BDO 000005609

NIP: 647-216-26-87 REGON: 276111984
Sąd Rejonowy w Gliwicach, X Wydział Gospodarczy
KRS 0000083696

1/4

TECHNICAL DATA

air convection	forced
chamber capacity [l]	109
working capacity [l]	109
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
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
over temperature protection	class 3.3 to DIN 12880

obszar pracy krótkotrwałej (max.24 h)
short-term work area (max. 24h)
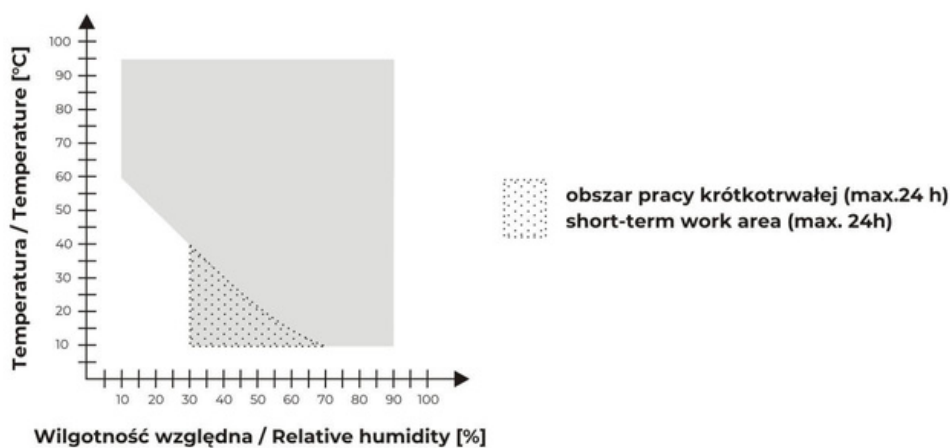
CHAMBER

door	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/	
A width	670
B height	1340
depth C	820
internal dims [mm]	
width D	460
height E	530
depth F	440
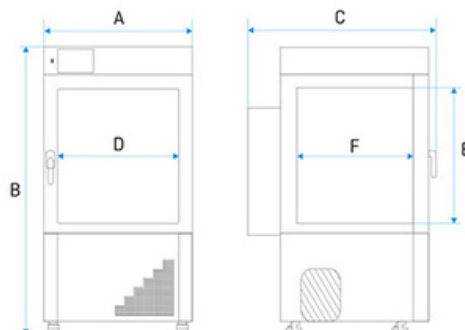
shelves (standard | max)	2 | 7
max shelf workload [kg] /2/	10
- reinforced shelf version (PW) [kg] /3/	50
max unit workload [kg]	60
weight [kg]	122
ELECTRICAL PARAMETERS	
power supply	230V 50-60Hz
nominal power [W]	2900
refrigerant	R1234ze / GWP=1
warranty	24 months
manufacturer	POL-EKO-APARATURA

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
4 - reinforced version

OPTIONS AND ACCESSORIES
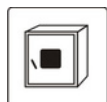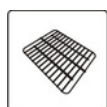
	Order number: */A	Door with viewing window
INOX	Order number: */P INOX	Stainless steel wire shelf INOX
	Order number: */PP	Perforated shelf

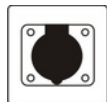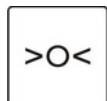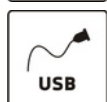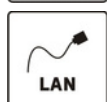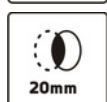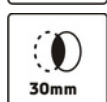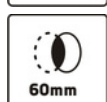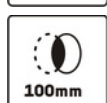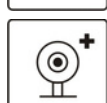|	Order number	Description
	Order number: */PW	Reinforced shelf
	Order number: KUW GN*/*	Stainless steel cuvettes
	Order number: GNZ	Internal socket
	Order number: BRT/*/L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification
	Order number: BPP 12	Battery backup for display
	Order number: PORT ALARM	Dry alarm contact
	Order number: 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
	Order number: CCTV	Camera inside the chamber
	Order number: CCTV CAM	Additional camera
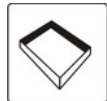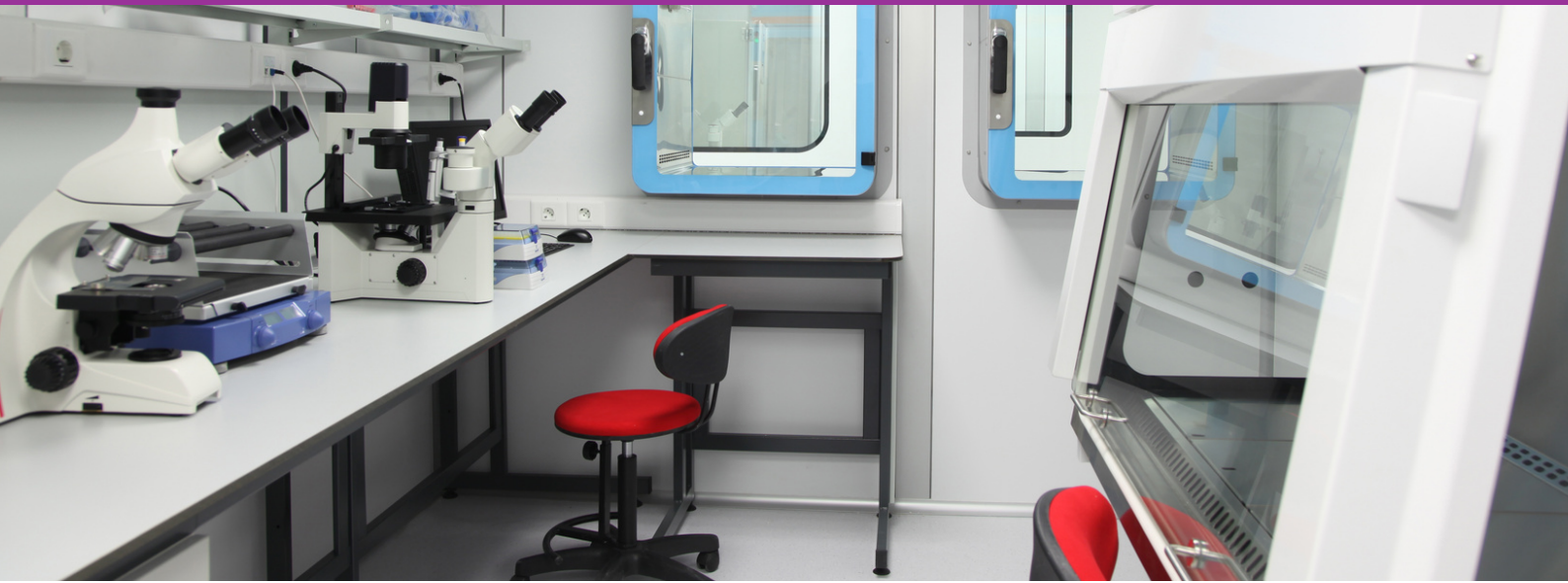
Want to know more?

If you have questions about this item, please give us a call on 01257 270 433.

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Have kit to sell?

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Email: harry@richmondscientific.com
Visit: www.richmondscientific.com

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