

## Data sheet

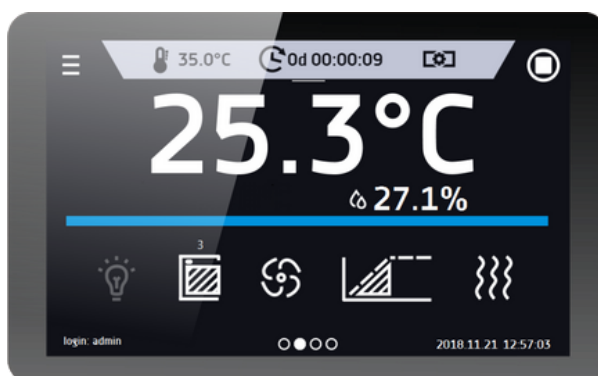
## Climatic Chamber KK 115 Smart PRO



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



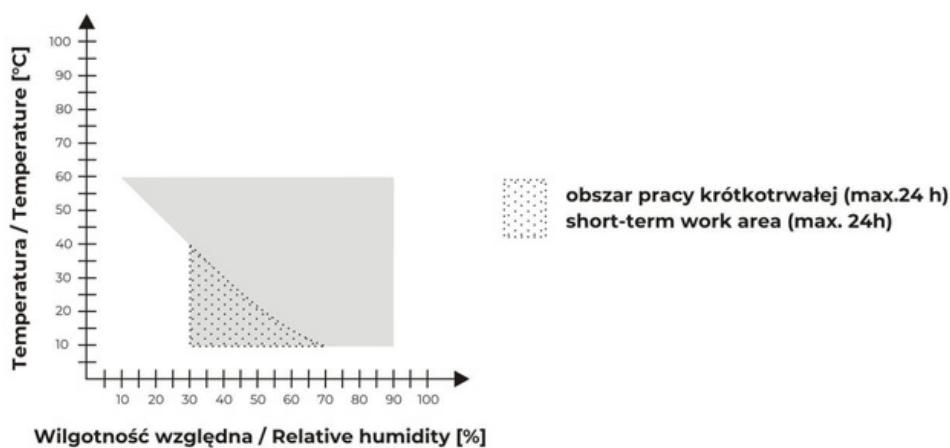
Smart PRO - preview screen

**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...+60
temperature resolution every ... [°C]	0,1
temperature variation at 25°C and 60%rH [±°C]*	2,0
relative humidity range [%]	30...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


**CHAMBER**

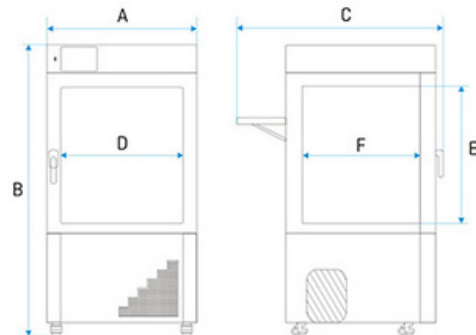
door	double (external solid, internal glass) / external glass (option)
<b>interior</b>	
Smart PRO	acid-proof stainless steel to DIN 1.4301
IG Smart PRO	acid-proof stainless steel to DIN 1.4301
<b>housing</b>	
Smart PRO	powder coated sheet
IG Smart PRO	stainless steel linen finish

**overall dims [mm] /1/**

A width	670
B height	1340
depth C	950

**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]	90

**ELECTRICAL PARAMETERS**

power supply	230V 50-60Hz
nominal power [W]	1350
refrigerant	R1234ze / GWP=1
warranty	24 months
manufacturer	POL-EKO-APARATURA

all the above technical data refer to standard units (without optional accessories)

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

\*\* - other power supplies on request

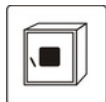
1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

4 - reinforced version

## OPTIONS AND ACCESSORIES



Order number: \*/A

Door with viewing window






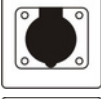

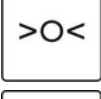

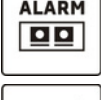
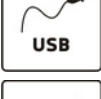
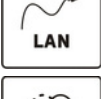
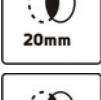
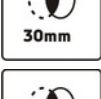
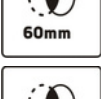
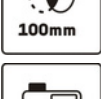

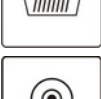
Order number: \*/P INOX

Stainless steel wire shelf INOX



Order number: \*/PP

Perforated shelf

	Order number: */PW	Reinforced shelf
	Order number: KUW GN*/*	Stainless steel cuvettes
	Order number: */FIT	Phytotron system
	Order number: GNZ	Internal socket
	Order number: KK/CP	Low water level sensor
	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: KK/Z	Container for deionised water
	Order number: CCTV	Camera inside the chamber



tel. (+48) 32 453 91 70

e-mail: [info@pol-eko.com.pl](mailto:info@pol-eko.com.pl)  
internet: [www.pol-eko.com.pl](http://www.pol-eko.com.pl)

## POL-EKO-APARATURA SP. J.

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



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.

Richmond Scientific are a family run business in Lancashire. We're a small team, and we're always just a phone call away. With over 30 years in the business there's not much we haven't seen before, and we're always happy to chat.

Have kit to sell?

Call us on 01257 270 433  
Email: [harry@richmondscientific.com](mailto:harry@richmondscientific.com)  
Visit: [www.richmondscientific.com](http://www.richmondscientific.com)

[Visit Website](#)

[Sell used kit](#)

[Our newsletter](#)