

## Data sheet

## Climatic Chamber with Phytotron System KK 500 FIT P 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



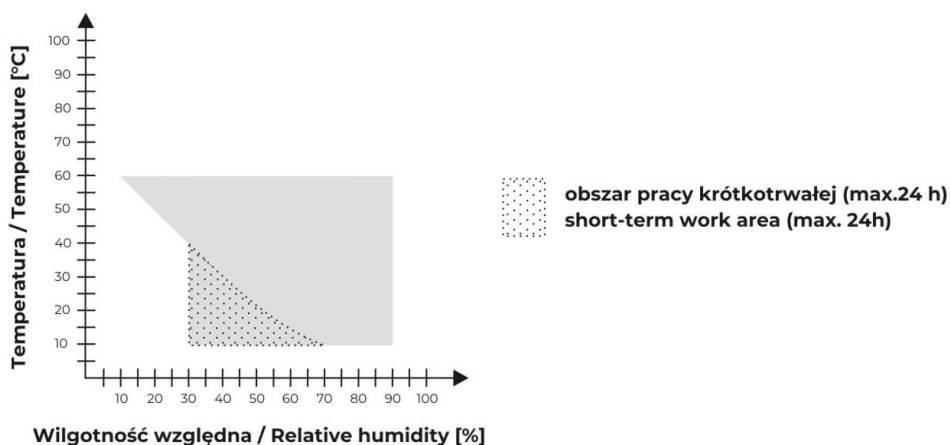
Smart PRO - preview screen

**TECHNICAL DATA**

air convection	forced
chamber capacity [l]	462
working capacity [l]	365
controller	microprocessor PID
display	7" full colour touch screen

**TEMPERATURE AND HUMIDITY**

temperature range [°C]	0...+60 (with light on +10...+50)
temperature resolution every ... [°C]	0,1
temperature fluctuation at 25°C and 60%rH [±/°C]*	2,0
relative humidity range [%]	30...90 (see chart for details)
humidity resolution every ... [%]	1,0
humidity fluctuation at 25°C and 60% rH [%rH]	5,0
over temperature protection	class 3.3 to DIN 12880


**CHAMBER**

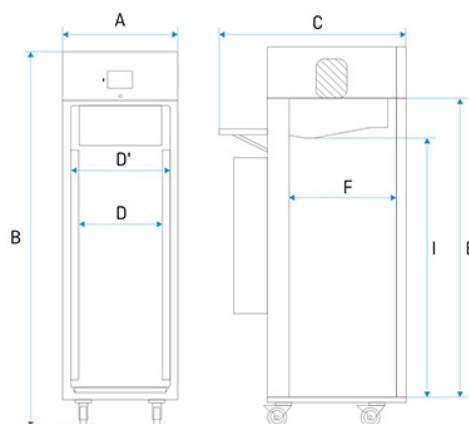
door	double (external solid, internal glass) / external glass (option)
<b>interior</b>	
Smart PRO	acid-proof stainless steel to DIN 1.4301
IG Smart PRO	acid-proof stainless steel to DIN 1.4301
<b>housing</b>	
Smart PRO	powder coated sheet
IG Smart PRO	stainless steel linen finish

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

A width	640
B height	1990
depth C	1010

**internal dims [mm]**

width D	480
width D'	510
height E	1510
depth F	600
height I	1360



shelves (standard   max)	3   11
max shelf workload [kg] /2/	20
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	100
weight [kg]	130

**ELECTRICAL PARAMETERS**

power supply	230V 50-60Hz
nominal power [W]	2150
refrigerant	R290 / GWP=3
warranty	24 months
manufacturer	POL-EKO-APARATURA

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:

$K = \pm (T \text{ average max.} - T \text{ average min.}) / 2$

\*\* - other power supplies on request

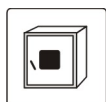
1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

4 - reinforced version

## OPTIONS AND ACCESSORIES



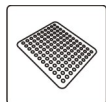
Order number: \*/A

Door with viewing window





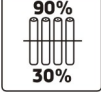
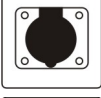

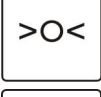




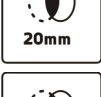


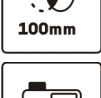


Order number: \*/P INOX

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/R3	FIT panels independent control
	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: KD	Access control