

Data sheet

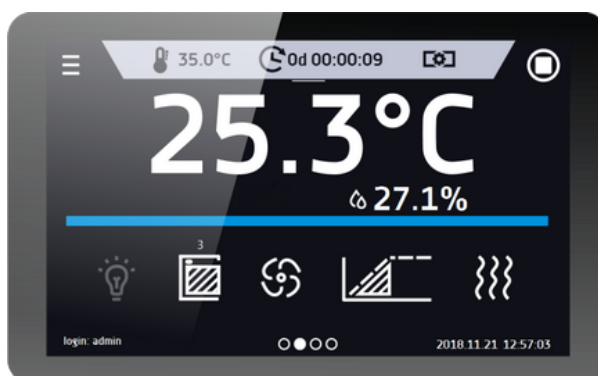
Climatic Chamber with Phytotron System KK 115 FIT P Smart PRO



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



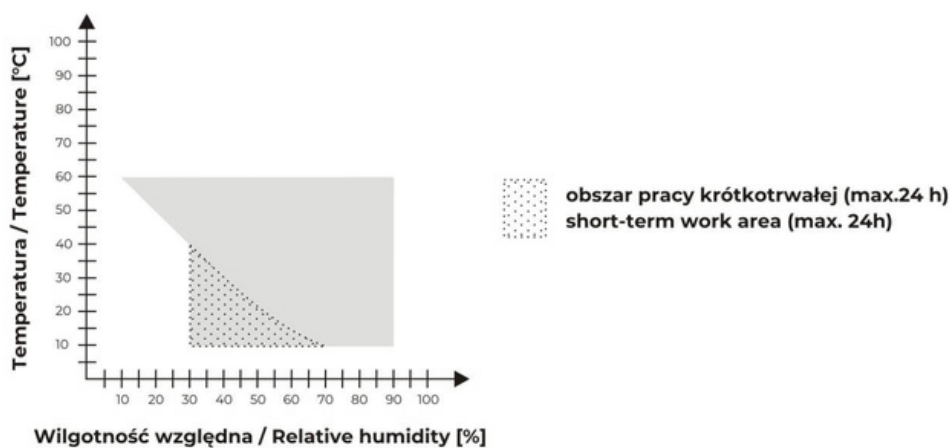
Smart PRO - preview screen

TECHNICAL DATA

air convection	forced
chamber capacity [l]	109
working capacity [l]	96
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 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

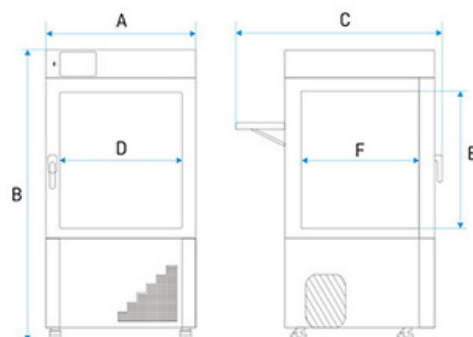


CHAMBER

door	double (external solid, internal glass) / external glass (option)
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	660
B height	1340
depth C	960
internal dims [mm]	
width D	460
height E	540
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]	1400
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

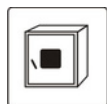
1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

4 - reinforced version

OPTIONS AND ACCESSORIES



Order number: */A

Door with viewing window



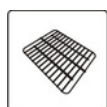
Order number: */P INOX

Stainless steel wire shelf INOX



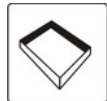
Order number: */PP

Perforated shelf



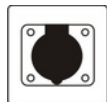
Order number: */PW

Reinforced shelf



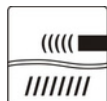
Order number: KUW GN*/*

Stainless steel cuvettes



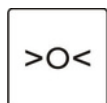
Order number: GNZ

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



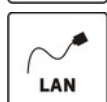
Order number: PORT ALARM

Dry alarm contact



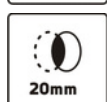
Order number: USBK

USB cable



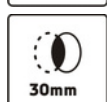
Order number: LANK

LAN cable



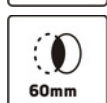
Order number: OCZ/20

Non-standard access port 20 mm



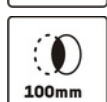
Order number: OCZ/30

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

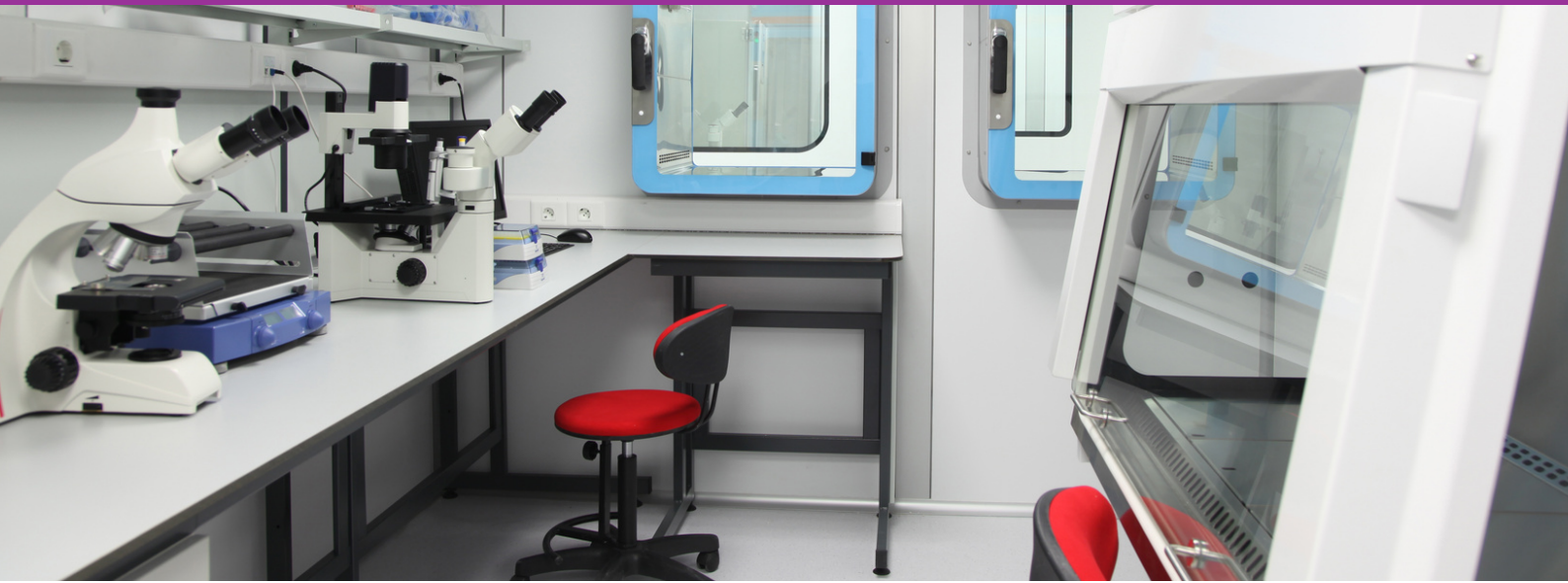


Order number: KK/Z

Container for deionised water



Order number: KK/Z



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