POL-EKO
Perfect Environment

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Data sheet

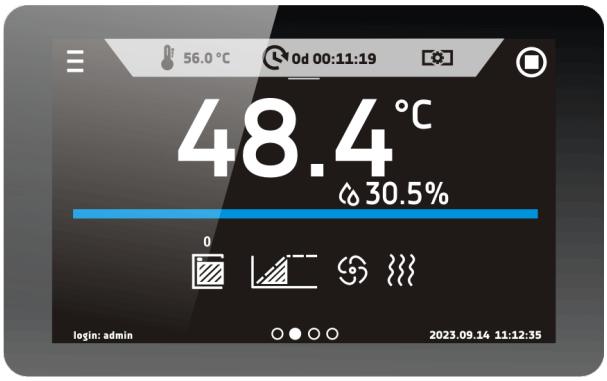
Climatic Chamber with Phytotron System

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

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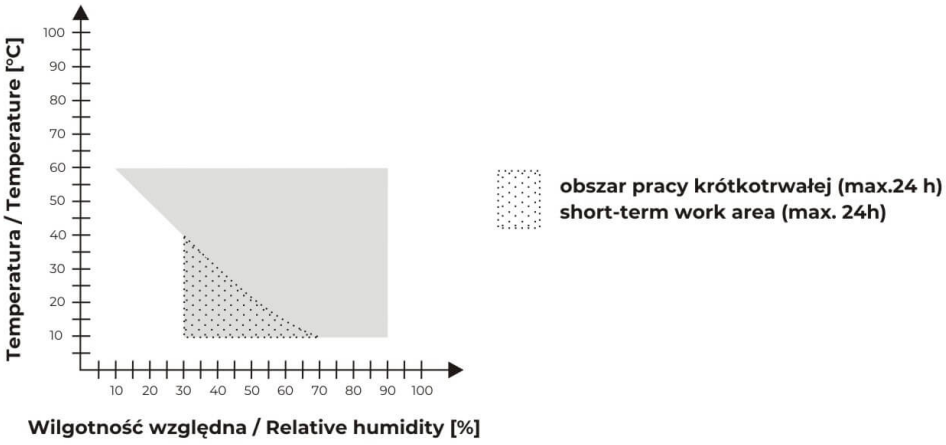
1	211
type	KK 500 FIT P Smart PRO

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 variation at 25°C and 60%rH [+/-°C]*	2,0
temperature protection	class 3.3 to DIN 12880
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



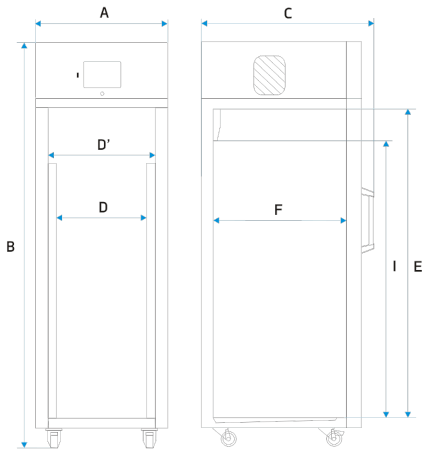
CHAMBER

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	640
height B	1990
depth C	1080
internal dims [mm]	
width D	480
width D'	510
height E	1510
depth F	600
height I	1360



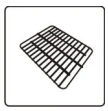
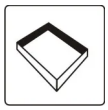
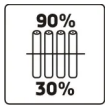
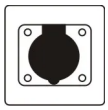
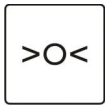
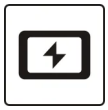
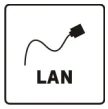
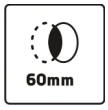
shelves (standard | max)	3 | 11
max shelf workload [kg] /2/	20
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	100
weight [kg]	130
ELECTRICAL PARAMETERS	
voltage**	230V 50-60Hz
nominal power [W]	2150
refrigerant	R290 / GWP=3
warranty	24 months
manufacturer	POL-EKO
txt_opis_pt	all the above technical data refer to standard units (without optional accessories) * - 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
PL typ urządzenia	Climatic Chamber with Phytotron System
img_photo	KK-500-FIT-P-Smart-PRO
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nazwa www pl	Komora Klimatyczna Fitotronowa KK 500 FIT P Smart PRO
nazwa www EN	Climatic Chamber with Phytotron System KK 500 FIT P Smart PRO
nazwa www ES	Cámara Climática con el Sistema Fitotrón KK 500 FIT P Smart PRO
ekran_grafika	kk_smart_pro
	Komory Fitotronowe
0	1

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* - variation (K) calculated for chamber as: K= +/- (T average max. - T average min.) / 2
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1 - depth doesn't include 50 mm of power cable
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OPTIONS AND ACCESSORIES

	Order number: */A	External glass door
	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: 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

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	Order number: OCZ/100	Non-standard access port 100 mm
	Order number: KK/Z	Container for deionised water
	Order number: KD	Access control