

Data sheet

Climatic Chamber KK 240 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



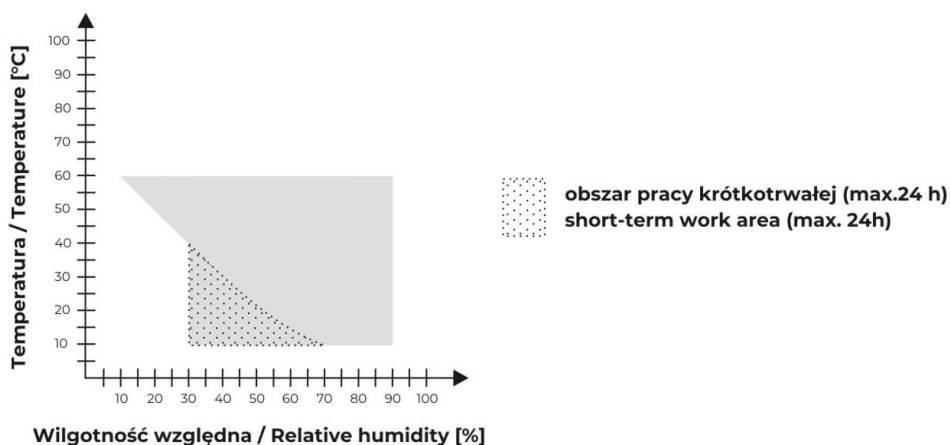
Smart PRO - preview screen

TECHNICAL DATA

| | |
|----------------------|-----------------------------|
| air convection | forced |
| chamber capacity [l] | 240 |
| working capacity [l] | 240 |
| controller | microprocessor PID |
| display | 7" full colour touch screen |

TEMPERATURE AND HUMIDITY

| | |
|--|---------------------------------|
| temperature range [°C] | 0...+60 |
| temperature resolution every ... [°C] | 0,1 |
| temperature fluctuation at 25°C and 60%rH [°C] | 2 |
| relative humidity range [%] | 30...90 (see chart for details) |
| humidity resolution every ... [%] | 1,0 |
| humidity fluctuation at 25°C and 60% rH [%rH] | 5 |
| over temperature protection | class 3.3 to DIN 12880 |



CHAMBER

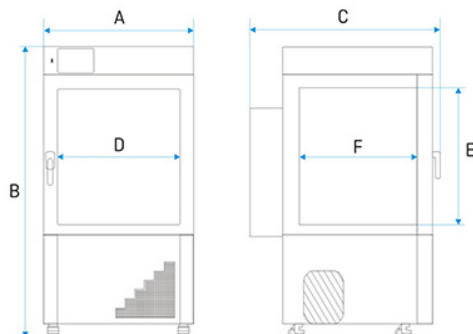
| | |
|-----------------|---|
| door type | double (external solid, internal glass) / external glass (option) |
| interior | |
| Smart PRO | acid-proof stainless steel to DIN 1.4301 |
| IG Smart PRO | acid-proof stainless steel to DIN 1.4301 |
| housing | |
| Smart PRO | powder coated sheet |
| IG Smart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

overall dims [mm] /1/

| | |
|----------|------|
| width A | 820 |
| height B | 1600 |
| depth C | 1000 |

internal dims [mm]

| | |
|----------|-----|
| width D | 600 |
| height E | 800 |
| depth F | 500 |



| | |
|--|--------|
| shelves (standard max) | 3 10 |
| max shelf workload [kg] /2/ | 10 |
| - reinforced shelf version (PW) [kg] /3/ | 100 |
| max unit workload [kg] | 90 |
| weight [kg] | 140 |

ELECTRICAL PARAMETERS

| | |
|-------------------|-------------------|
| voltage* | 230V 50-60Hz |
| nominal power [W] | 1550 |
| refrigerant | R290 / GWP=3 |
| warranty | 24 months |
| manufacturer | POL-EKO-APARATURA |

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

* - other power supplies on request

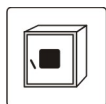
1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

4 - reinforced version

OPTIONS AND ACCESSORIES



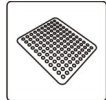
Order number: */A

Door with viewing window






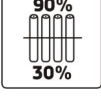
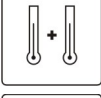
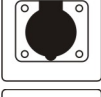
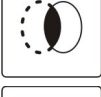




Order number: */P INOX

Stainless steel wire shelf



Order number: */PP

Perforated shelf

| | | |
|---|----------------------------------|--|
|  | Order number: */PW | Reinforced shelf |
|  | Order number: KUW GN*/* | Stainless steel cuvettes |
|  | Order number: */FIT | Phytotron system |
|  | Order number: FIT/R3 | FIT panels independent control |
|  | Order number: PT 100 | Additional temperature sensor |
|  | Order number: GNZ | Internal socket |
|  | Order number: OCZ/N | Non-standard access port for external sensor |
|  | 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 |