



POL-EKO
Perfect Environment

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44-300 Wodzisław Śląski
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Data sheet

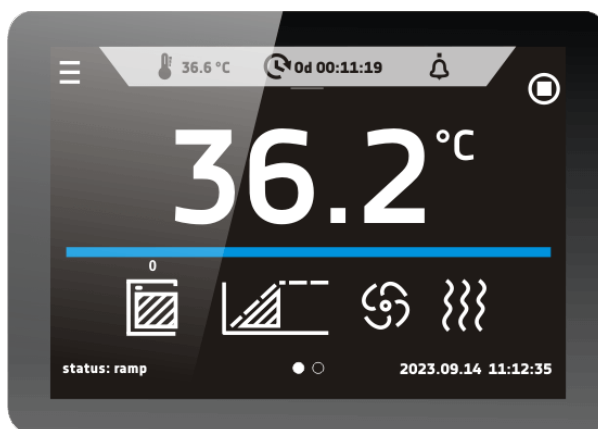
BOD Incubator ST BD 2 Smart



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 controller:

- 4,3", clear, full colour touch screen
- LAN, USB ports for data transfer
- multi-segment time and temperature programs
- visual and sound alarm
- internal memory for programs and data storage
- event registry
- user manual for direct download
- Quick change of program parameters
- Alarm Bar
- operating with gloves on



Smart - preview screen



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TECHNICAL DATA

air convection	forced
chamber capacity [l]	150
working capacity [l]	122
controller	microprocessor PID
display	4,3" full colour touch screen

TEMPERATURE

temperature range [°C]	+3...+40
temperature resolution every ... [°C]	0,1
Temperature accuracy at 20°C [±/°C]*	±/-1
temperature protection	class 1.0 to DIN 12880

CHAMBER

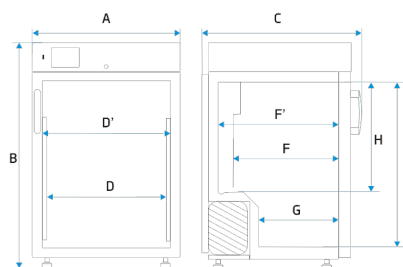
door type	solid
interior	aluminium
housing	powder coated sheet

overall dims [mm] /1/

width A	600
height B	900
depth C	650

internal dims [mm]

width D	480
width D'	520
height E	660
depth F	420
depth F'	480
depth G	320
height H	440



shelves (standard max)	2
max shelf workload [kg] /2/	10
max unit workload [kg]	30
weight [kg]	54



ELECTRICAL PARAMETERS

voltage**	230V 50-60Hz
nominal power [W]	250
refrigerant	R1234ze / GWP=7
warranty	24 months
manufacturer	POL-EKO

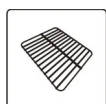
all the above technical data refer to standard units (without optional accessories)

* - calculated for chamber as: $K = \frac{+/- (T \text{ average max.} - T \text{ average min.})}{2}$; parameters given for the chamber above the bottom step

** - other power supplies on request

1 - depth doesn't include 50 mm of power cable, the width does not include the 20 mm of rubber plug

OPTIONS AND ACCESSORIES



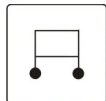
Order number: */P

Wire shelf



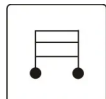
Order number: QLK*

Castors



Order number: */S or */S INOX

Table with castors



Order number: */ST or */S INOX

Base on castors



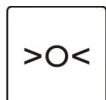
Order number: *PLUS

Automatic defrosting function



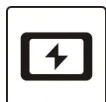
Order number: LabDesk

LabDesk software



Order number: BRT*/L or IQ/OQ/PQ

Calibration and IQ, OQ, PQ qualification



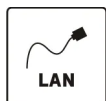
Order number: BPP 12

Battery backup for display



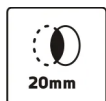
Order number: PORT ALARM

Dry alarm contact



Order number: LANK

LAN cable



Order number: OCZ/20

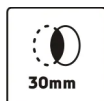
Non-standard access port 20 mm



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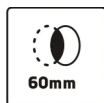
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Order number: OCZ/30

Additional access port 30 mm



Order number: OCZ/60

Non-standard access port 60 mm



Order number: KD

Access control