



POL-EKO
Perfect Environment

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Data sheet

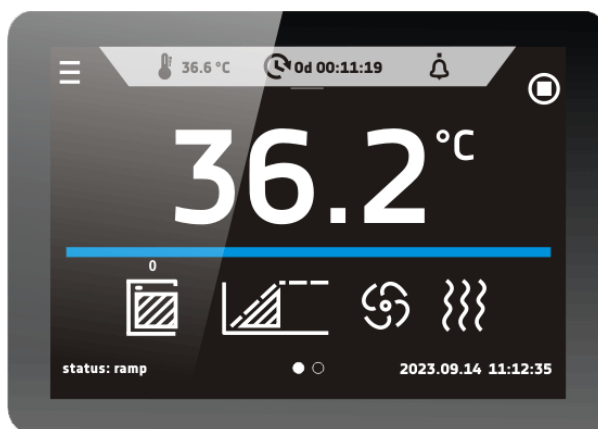
Peltier-Cooled Incubator ILP 240 Smart



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



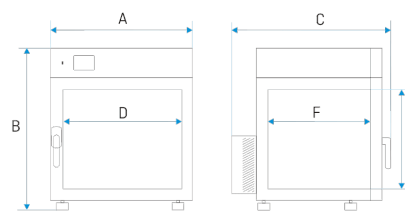
Smart - preview screen



1	51
type	ILP 240 Smart
TECHNICAL DATA	
air convection	forced
chamber capacity [l]	245
working capacity [l]	245
controller	microprocessor PID
display	4,3" full colour touch screen
TEMPERATURE	
temperature range [°C]	0...+70 (max 20°C below ambient temperature)
temperature resolution every ... [°C]	0,1
temperature fluctuation at 37°C [±/°C]*	0,1
temperature variation at 37°C [±/°C]*	0,3
temperature protection	class 2.0 to DIN 12880 / class 3.3 (option)
CHAMBER	
door type	double(5) / door with viewing window (option)
interior	
Smart	acid-proof stainless steel to DIN 1.4301
IG Smart	acid-proof stainless steel to DIN 1.4301
housing	
Smart	powder coated sheet
IG Smart	stainless steel linen finish

overall dims [mm] /1/

width A	820
height B	1140
depth C	840
internal dims [mm]	
width D	600
height E	800
depth F	510



shelves (standard max)	3 10
max shelf workload [kg] /2/	25
max unit workload [kg]	90
weight [kg]	140



ELECTRICAL PARAMETERS

voltage**	230V 50-60Hz
nominal power [W]	800
warranty	24 months
manufacturer	POL-EKO
txt_opis_pt	<p>all the above technical data refer to standard units (without optional accessories)</p> <p>* - fluctuation measured in centre of the chamber; in space, variation (K) calculated for chamber as: $K = \pm (T \text{ average max.} - T \text{ average min.}) / 2$</p> <p>** - other power supplies on request</p> <p>1 - depth doesn't include 50 mm of power cable, the width does not include the 20 mm of rubber plug</p> <p>2 - on uniformly loaded surface</p> <p>3 - reinforced shelf</p> <p>4 - additional internal glass door</p>
PL typ urządzenia	Peltier-Cooled Incubator
img_photo	ILP-240-Smart
<p>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.</p>	
nazwa www pl	Inkubator z chłodzeniem Peltiera ILP 240 Smart
nazwa www EN	Peltier-Cooled Incubator ILP 240 Smart
nazwa www ES	Incubadora de Refrigeración con el Sistema Peltier ILP 240 Smart
ekran_grafika	st_il_smart
	Inkubatory Z Chłodzeniem Peltiera
0	1

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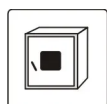
1 - depth doesn't include 50 mm of power cable, the width does not include the 20 mm of rubber plug

2 - on uniformly loaded surface

3 - reinforced shelf

4 - additional internal glass door

OPTIONS AND ACCESSORIES



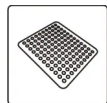
Order number: */A

door with viewing window



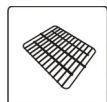
Order number: */P INOX

Stainless steel wire shelf INOX



Order number: */PP

Perforated shelf



Order number: */PW

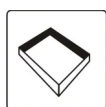
Reinforced shelf



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Order number: KUW GN*/*

Stainless steel cuvettes



Order number: QLK*

Castors



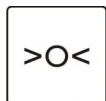
Order number: */W

Reinforced version



Order number LabDesk

LabDesk software



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

Calibration and IQ, OQ, PQ qualification



Order number: */3.3

Over temperature protection 3.3 class according to DIN 12880



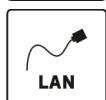
Order number: BPP 12

Battery backup for display



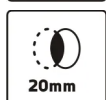
Order number: PORT ALARM

Dry alarm contact



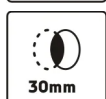
Order number: LANK

LAN cable



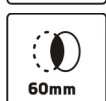
Order number: OCZ/20

Non-standard access port 20 mm



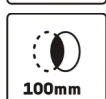
Order number: OCZ/30

Additional access port 30 mm



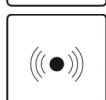
Order number: OCZ/60

Non-standard access port 60 mm



Order number: OCZ/100

Non-standard access port 100 mm



Order number: KD

Access control