



POL-EKO®

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POL-EKO A. Polok-Kowalska sp.k.
44-300 Wodzisław Śląski
ul. Kokoszycka 172 C

Data sheet

print date: 2026-07-20

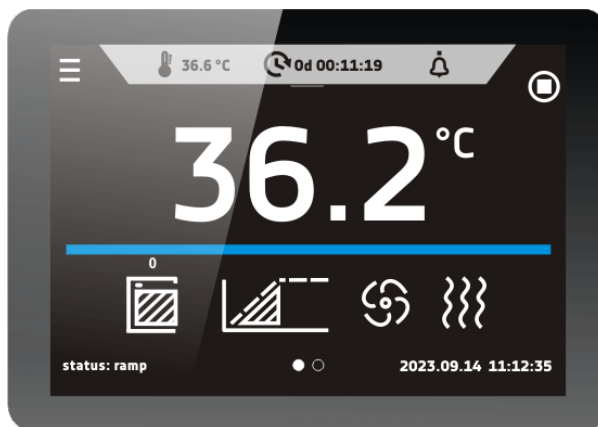
Peltier-Cooled Incubator ILP 750 Smart



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]	923
working capacity [l]	749
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

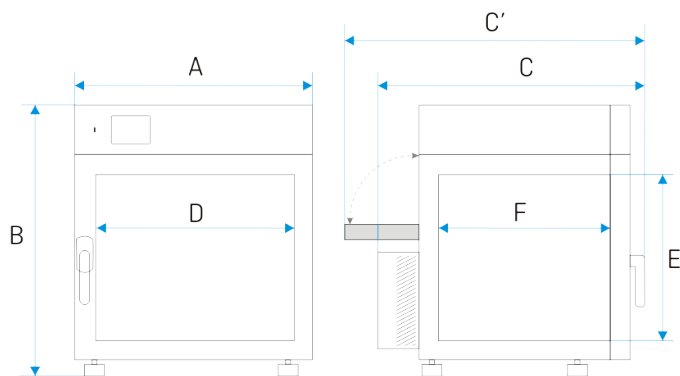
door type	double(5) / door with viewing window (option)
interior	
Smart	corrosion-resistant stainless steel to DIN 1.4301
IG Smart	corrosion-resistant stainless steel to DIN 1.4301
housing	
Smart	powder coated sheet
IG Smart	stainless steel linen finish

overall dims [mm] /1/

width A	1270
height B	1580
depth C	950
depth C'	1040

internal dims [mm]

width D	1040
height E	1200
depth F	600



shelves (standard max)	5 16
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	140
weight [kg]	240



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ELECTRICAL PARAMETERS

voltage	230V 50/60Hz
nominal power [W]	1400
warranty	24 months
manufacturer	POL-EKO®

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:

$K = \pm (T \text{ average max.} - T \text{ average min.}) / 2$

** - other power supplies on request

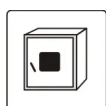
1 - depth doesn't include 50 mm of power cable, the width does not include the 20 mm of rubber plug

2 - on uniformly loaded surface

3 - reinforced shelf

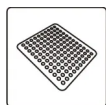
4 - additional internal glass door

OPTIONS AND ACCESSORIES



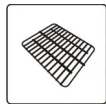
Order number: */A

door with viewing window



Order number: */PP

Perforated shelf



Order number: */PW

Reinforced shelf



Order number: KUW GN*/*

Stainless steel cuvettes



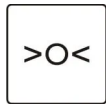
Order number: */W

Reinforced version



Order number: LabDesk

LabDesk software



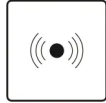
Order number: BRT*/L or IQ/OQ/PQ

Calibration and IQ, OQ, PQ qualification



Order number: */3.3

Over temperature protection 3.3 class according to DIN 12880



Order number: RFID LOCK (SMART)

RFID LOCK (SMART)



Order number: BPP 12

Battery backup for display



Order number: PORT ALARM

Dry alarm contact



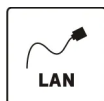
Bank: ING BŚ o/Wodzisław Śląski | Nr rachunku: 90 1050 1403 1000 0022 0879 5498
NIP: 647-216-26-87 | REGON: 276111984 | KRS: 0000083696 | Nr rej. w BDO 000005609



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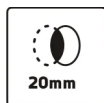
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Order number: LANK

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