

## Data sheet

## Cooled Incubator (IL) ILW 400 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]	424
working capacity [l]	424
controller	microprocessor PID
display	7 full colour touch screen

## TEMPERATURE

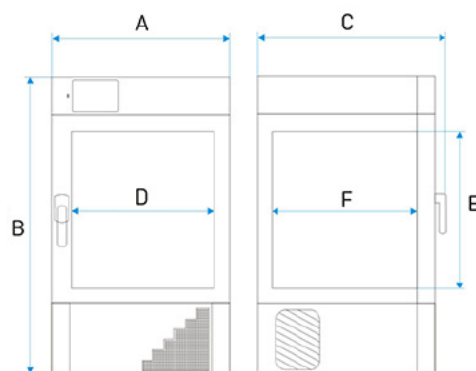
temperature range [°C]	0...+100 / -10...+100 (option)
temperature resolution every ... [°C]	0,1
temperature fluctuation at 37°C [±°C]*	0,2
temperature variation at 37°C [±°C]*	0,3
over temperature protection	class 3.3 to DIN 12880

## CHAMBER

door type	double(5) / door with viewing window (option)
<b>interior</b>	
Smart PRO	DIN 1.4301
IG Smart PRO	DIN 1.4301
<b>housing</b>	
Smart PRO	powder coated sheet
IG Smart PRO	stainless steel linen finish

### overall dims [mm] /1/

width A	1020
height B	1730
depth C	780
<b>internal dims [mm]</b>	
width D	800
height E	1040
depth F	510



shelves (standard   max)	3   14
max shelf workload [kg] /2/	25
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	120
- reinforced unit version (W) [kg] /4/	300
weight [kg]	185

## ELECTRICAL PARAMETERS

voltage**	230V 50-60Hz
nominal power [W]	1300
refrigerant	R290 / GWP=3
warranty	24 months
manufacturer	POL-EKO-APARATURA
txt_opis pod tabelą	<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:  <math>K = \pm (T \text{ average max.} - T \text{ average min.}) / 2</math></p> <p>** - other power supplies on request</p> <p>1 - depth doesn't include 50 mm of power cable                  2 - on uniformly loaded surface                  3 - reinforced shelf                  4 - reinforced version                  5 - additional internal glass door</p>

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

2 - on uniformly loaded surface

3 - reinforced shelf

4 - reinforced version

5 - additional internal glass door

## OPTIONS AND ACCESSORIES



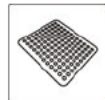
Order number: \*/A

door with viewing window



Order number: \*/P INOX

Stainless steel wire shelf INOX



Order number: \*/PP

Perforated shelf



Order number: \*/PW

Reinforced shelf



Order number: KUW GN\*/\*

Stainless steel cuvettes



Order number: \*/PLUS

Automatic defrosting function



Order number: \*/T

Low temperature version



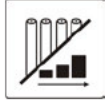
Order number: \*/W

Reinforced version



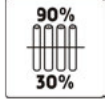
Order number: OWW/OWW LED

Interior lighting



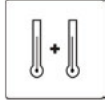
Order number: \*/FIT

Phytotron system



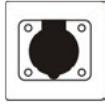
Order number: FIT/R3

FIT panels independent control



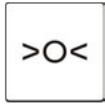
Order number: PT 100

Additional temperature sensor



Order number: GNZ

Internal socket



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

Calibration and IQ, OQ, PQ qualification



Order number: BPP 12

Battery backup for display



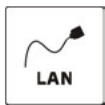
Order number: PORT ALARM

Dry alarm contact



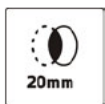
Order number: USBK

USB cable



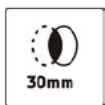
Order number: LANK

LAN cable



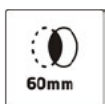
Order number: OCZ/20

Non-standard access port 20 mm



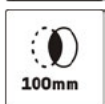
Order number: OCZ/30

Additional access port 30 mm



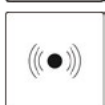
Order number: OCZ/60

Non-standard access port 60 mm



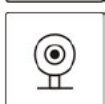
Order number: OCZ/100

Non-standard access port 100 mm



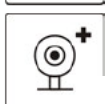
Order number: KD

Access control



Order number: CCTV

Camera inside the chamber



Order number: CCTV CAM

Additional camera