POL-EKO
Perfect Environment

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POL-EKO A.Polok-Kowalska sp.k.
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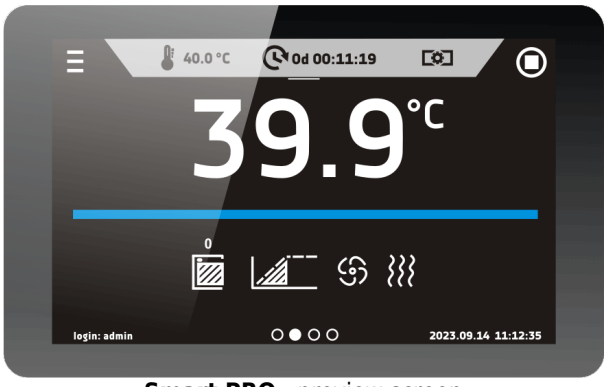
Data sheet

Cooled Incubator (IL)
ILW 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

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1	144
type	ILW 240 Smart PRO

TECHNICAL DATA

air convection	forced
chamber capacity [l]	245
working capacity [l]	245
controller	microprocessor PID
display	7" full colour touch screen

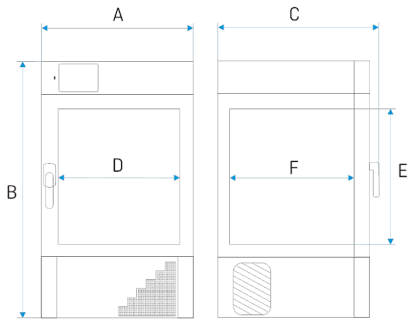
TEMPERATURE

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
temperature protection	class 3.3 to DIN 12880

CHAMBER

door type	double(5) / door with viewing window (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	1430
depth C	780
internal dims [mm]	
width D	600
height E	800
depth F	510



shelves (standard | max)	3 | 10
max shelf workload [kg] /2/	25
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	90
- reinforced unit version (W) [kg] /4/	300
weight [kg]	140

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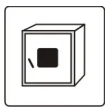
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ELECTRICAL PARAMETERS

voltage**	230V 50-60Hz
nominal power [W]	900
refrigerant	R290 / GWP=3
warranty	24 months
manufacturer	POL-EKO
txt_opis_pt	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= +/- (T average max. - T 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
PL typ urządzenia	Cooled Incubator (IL)
img_photo	ILW-240-Smart-PRO
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nazwa www pl	Inkubator z chłodzeniem ILW 240 Smart PRO
nazwa www EN	Cooled Incubator (IL) ILW 240 Smart PRO
nazwa www ES	Incubadora de Refrigeración (IL) ILW 240 Smart PRO
ekran_grafika	st_il_smart_pro
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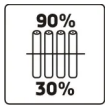
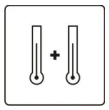
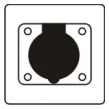
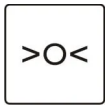
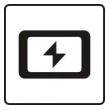
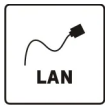
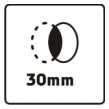
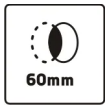
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2 - on uniformly loaded surface
3 - reinforced shelf
4 - additional internal glass door

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: *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: 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

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Order number: KD

Access control