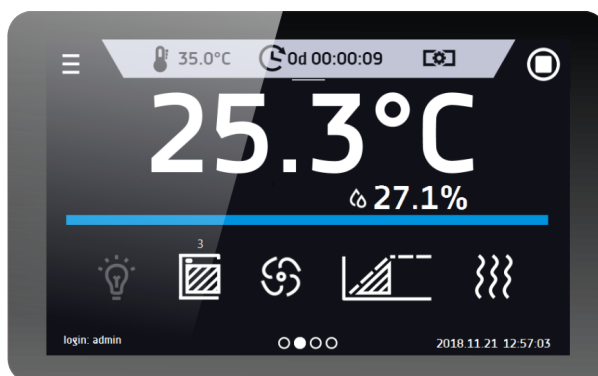# Data sheet

Laboratory Incubator
CLN 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

POL-EKO-APARATURA SP. J.

tel. (+48) 32 453 91 70

e-mail: info@pol-eko.com.pl
internet: www.pol-eko.com.pl

A. POLOK – KOWALSKA, S. KOWALSKI
44-300 WODZISŁAW ŚLĄSKI, UL. KOKOSZYCKA 172 C

TECHNICAL DATA

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

TEMPERATURE

temperature range [°C]	5°C above ambient temperature ... +100°C
temperature resolution every ... [°C]	0,1
temperature fluctuation at 37°C [+/-°C]*	0,3
temperature variation at 37°C [+/-°C]*	0,8
over temperature protection	class 3.1 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	1140
depth C	770
internal dims [mm]	
width D	600
height E	800
depth F	510
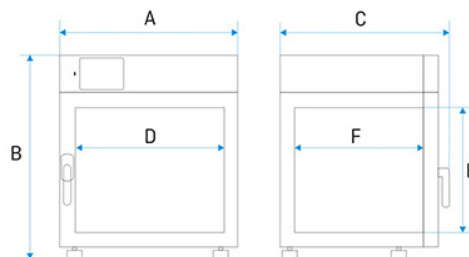
shelves (standard | max)	3 | 10
max shelf workload [kg] /2/	25
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	90
- reinforced unit version (W) [kg] /4/	300
weight [kg]	126

ELECTRICAL PARAMETERS

voltage**	230V 50-60Hz
nominal power [W]	850
warranty	24 months
manufacturer	POL-EKO-APARATURA

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

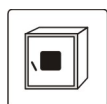** - other power supplies on request

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

2 - on uniformly loaded surface

3 - reinforced shelf

4 - reinforced version

5 - additional internal glass door

OPTIONS AND ACCESSORIES
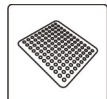
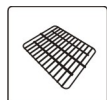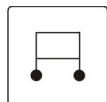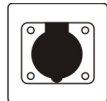|		
	Order number: */A	door with viewing window
INOX	Order number: */P INOX	Stainless steel wire shelf INOX
	Order number: */PP	Perforated shelf
	Order number: */PW	Reinforced shelf
	Order number: KUW GN*/*	Stainless steel cuvettes
	Order number: QLK*	Wheels
	Order number: */S or */S INOX	Table with wheels
	Order number: */ST or */S INOX	Base on castors
KG	Order number: */W	Reinforced version
	Order number: OWW/OWW LED	Interior lighting
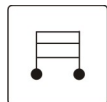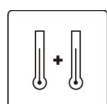
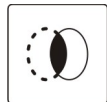|	Order number: PT 100	Additional temperature sensor
	Order number: GNZ	Internal socket
	Order number: HEPA	HEPA Clean Air Filter
	Order number: OCZ/N	Non-standard access port for external sensor
	Order number: BRT/*/L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification
	Order number: BPP 12	Battery backup for display
	Order number: PORT ALARM	Dry alarm contact