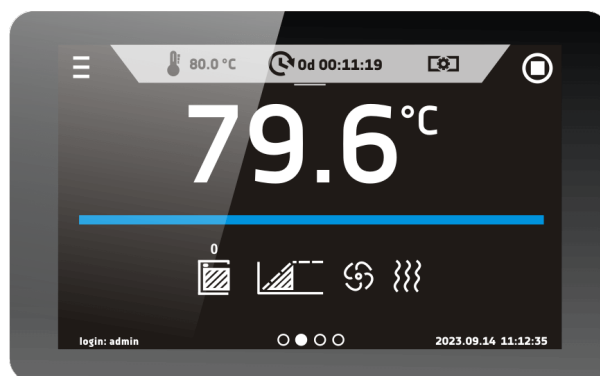# Data sheet

Laboratory Incubator
CLN 115 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

(+48) 32 453 91 70

info@pol-eko.com.pl

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

TECHNICAL DATA

|	
air convection	natural
chamber capacity [l]	112
working capacity [l]	112
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]*	0,2
temperature variation at 37°C [+/-°C]*	0,8
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	660
height B	850
depth C	710
internal dims [mm]	
width D	460
height E	540
depth F	450
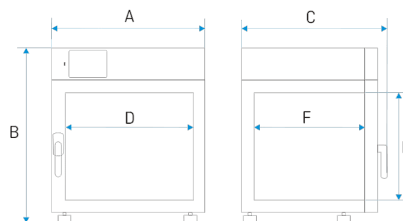
shelves (standard | max)	2 | 7
max shelf workload [kg] /2/	25
- reinforced shelf version (PW) [kg] /3/	50
max unit workload [kg]	60
- reinforced unit version (W) [kg] /4/	120
weight [kg]	65

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2/4

![POL-EKO Perfect Environment]

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ELECTRICAL PARAMETERS

voltage**	230V 50-60Hz
nominal power [W]	450
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= +/- (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

OPTIONS AND ACCESSORIES

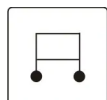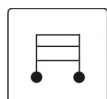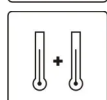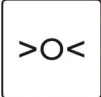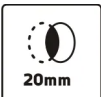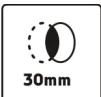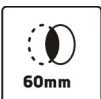|		
	Order number: */A	door with viewing window
	Order number: */P INOX	Stainless steel wire shelf INOX
	Order number: */PP	Perforated shelf
	Order number: */PW	Reinforced shelf
	Order number: KUW GN*/*	Stainless steel cuvettes
	Order number: QLK*	Castors
	Order number: */S or */S INOX	Table with castors
	Order number: */ST or */S INOX	Base on castors
	Order number: */W	Reinforced version
	Order number: OWW/OWW LED	Interior lighting
	Order number: PT 100	Additional temperature sensor
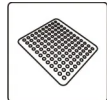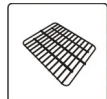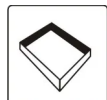
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3/4

	Order number	Description
HEPA	Order number: HEPA	HEPA Clean Air Filter
>O<	Order number: BRT/*/L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification
	Order number: BPP 12	Battery backup for display
ALARM	Order number: PORT ALARM	Dry alarm contact
LAN	Order number: LANK	LAN cable
20mm	Order number: OCZ/20	Non-standard access port 20 mm
30mm	Order number: OCZ/30	Additional access port 30 mm
60mm	Order number: OCZ/60	Non-standard access port 60 mm
100mm	Order number: OCZ/100	Non-standard access port 100 mm
	Order number: KD	Access control

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4/4