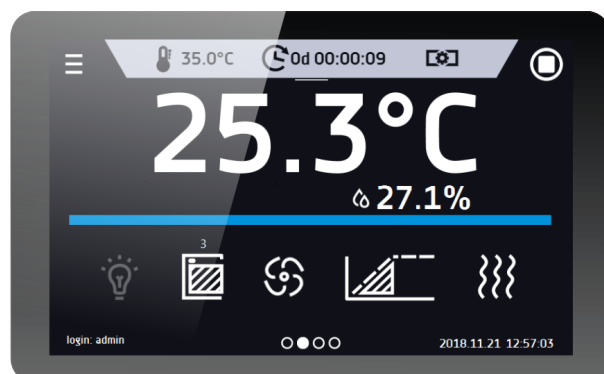# Data sheet

Ultra-Low Freezer
ZLN-UT 300 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]	326
number of boxes 133x133x50mm [pcs]	192
controller	microprocessor PID
display	7" full colour touch screen

TEMPERATURE

|	
temperature range [°C]	-86…-40
temperature resolution every … [°C]	0,1
cooling time from +20°C to -80°C [h]	3,5
heating time in case of power failure -80°C to -60°C [h]	1,5
temperature fluctuation at -80°C [°C]	1,0
temperature variation at -80°C [°C]	3

CHAMBER

door type	solid
interior	
P Smart PRO	acid-proof stainless steel to DIN 1.4301
PS Smart PRO	acid-proof stainless steel to DIN 1.4301
housing	
P Smart PRO	powder coated sheet

overall dims [mm] /1/	
width A	880
height B	1930
depth C	950
internal dims [mm]	
width D	520
height E	1120
depth F	560
height I	240
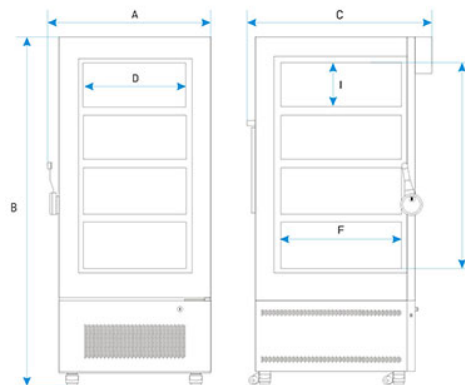
max shelf workload [kg] /2/	10
number of internal chambers	4
max unit workload [kg]	80
weight [kg]	200

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ELECTRICAL PARAMETERS

voltage*	230V 50Hz
nominal power [W]	2100
refrigerant	R290 / GWP=3	R170 / GWP=6
warranty	12 months
manufacturer	POL-EKO-APARATURA

all the above technical data refer to standard units (without optional accessories)
* - other power supplies on request
1 - depth doesn't include 50 mm of power cable

OPTIONS AND ACCESSORIES
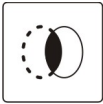
Order number: OCZ/N

Non-standard access port for external sensor