

Data sheet

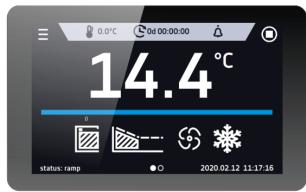
Ultra-Low Freezer ZLN-UT 300 VIP Smart



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 controller:

- 4,3", clear, full colour touch screen
- LAN, USB ports for data transfer
- multi-segment time and temperature programs
- visual and sound alarm
- internal memory for programs and data storage
- event registry
- user manual for direct download
- Quick change of program parameters
- Alarm Bar
- operating with gloves on



Smart - preview screen

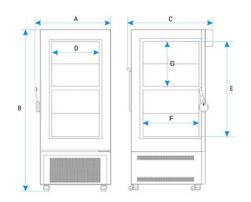
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A. POLOK – KOWALSKA, S. KOWALSKI 44-300 WODZISŁAW ŚLĄSKI, UL. KOKOSZYCKA 172 C

air convection natural chamber capacity [I] 345 number of boxes 133x133x50mm [pcs] 256 controller microprocessor PID display 4,3" full colour touch screen insulation type vacuum - VIP panels TEMPERATURE temperature range [°C] -8650 temperature resolution every [°C] 0,1 cooling time from +20°C to -80°C [min] 180 heating time in case of power failure -80°C to -60°C [min] 90 temperature diuctuation at -80°C [+/-°C]* 1,4 temperature variation at -80°C [+/-°C]* 3,0 CHAMBER door type solid interior C Smart stainless steel to DIN 1.4016 P Smart DIN 1.4301 housing C Smart power of the stainless steel to DIN 1.4016 housing C Smart powder coated sheet	HNICAL DATA	
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interior C Smart stainless steel to DIN 1.4016 P Smart DIN 1.4301 housing	AMBER	
C Smart stainless steel to DIN 1.4016 P Smart DIN 1.4301 housing	/ре	solid
P Smart DIN 1.4301 housing	or	
housing	rt	stainless steel to DIN 1.4016
	rt	DIN 1.4301
C Smart powder coated sheet	ng	
	rt	powder coated sheet
P Smart powder coated sheet	rt	powder coated sheet

overall dims [mm] /1/	
width A	880
height B	1620
depth C	960
internal dims [mm]	
width D	620
height E	1000
depth F	580
height I	480



shelves (standard max)	2/2
max shelf workload [kg] /2/	10
number of internal chambers	2
max unit workload [kg]	65
weight [kg]	220



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ELECTRICAL PARAMETERS		
voltage**	230V 50-60Hz	
nominal power [W]	2100	
refrigerant	R290 / GWP=3 R170 / GWP=6	
warranty	24 months	
manufacturer	POL-EKO-APARATURA	

all the above technical data refer to standard units (without optional accessories)

K = +/- (T average max. - T average min.) / 2

OPTIONS AND ACCESSORIES

LAB DESK	Order numberLabDesk	LabDesk software
ALARM	Order number: PORT ALARM	Dry alarm contact
USB	Order number: USBK	USB cable
LAN	Order number: LANK	LAN cable
(((●)))	Order number: KD	Access control



st - fluctuation measured in centre of the chamber; in space, variation (K) calculated for chamber as:

^{** -} other power supplies on request

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