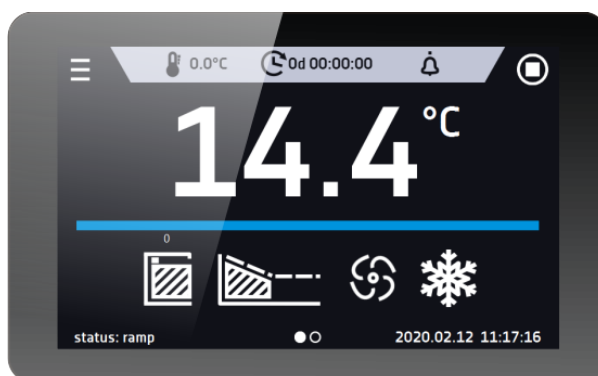# Eco 300 UF
Ultra-Low Freezer

Data sheet

Ultra-Low Freezer

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

TECHNICAL DATA

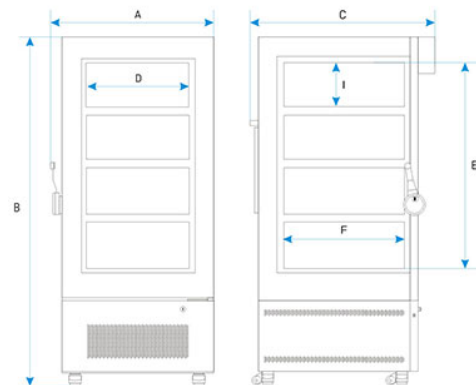|	
air convection	natural
chamber capacity [l]	326
number of boxes 133x133x50mm [pcs]	192
controller	microprocessor PID
display	4,3" full colour touch screen

TEMPERATURE

temperature range [°C]	-86…-50
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]	1,4
temperature variation at -80°C [°C]	3

CHAMBER

door type	solid
interior	
C Smart	stainless steel to DIN 1.4016
P Smart	acid-proof stainless steel to DIN 1.4301
housing	
C Smart	powder coated sheet
P Smart	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

ELECTRICAL PARAMETERS

voltage*	230V 50Hz
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)
* - other power supplies on request
1 - depth doesn't include 50 mm of power cable