

Data sheet

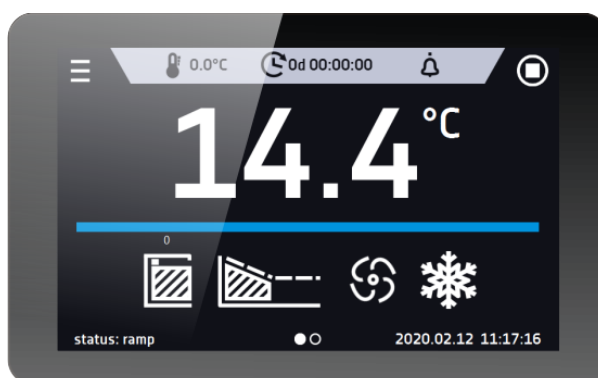
Ultra-Low Freezer
ZLN-UT 200 Smart



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

TECHNICAL DATA

| | |
|------------------------------------|-------------------------------|
| air convection | natural |
| chamber capacity [l] | 242 |
| number of boxes 133x133x50mm [pcs] | 144 |
| controller | microprocessor PID |
| display | 4,3" full colour touch screen |

TEMPERATURE

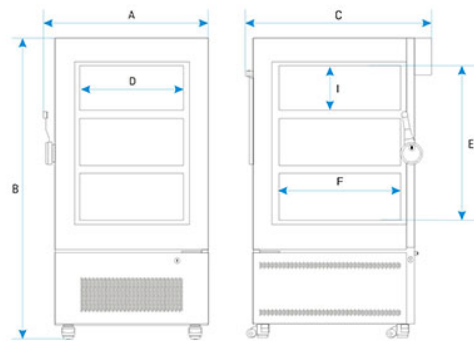
| | |
|--|-----------|
| temperature range [°C] | -86...-50 |
| temperature resolution every ... [°C] | 0,1 |
| cooling time from +20°C to -80°C [h] | 3,5 |
| heating time in case of power failure -80°C to -60°C [h] | 1,5 |
| temperature fluctuation at -80°C [°C] | 1,5 |
| temperature variation at -80°C [°C] | 4 |

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 | 1630 |
| depth C | 950 |
| internal dims [mm] | |
| width D | 520 |
| height E | 830 |
| depth F | 560 |
| height I | 240 |



| | |
|-----------------------------|-----|
| max shelf workload [kg] /2/ | 10 |
| number of internal chambers | 3 |
| max unit workload [kg] | 65 |
| weight [kg] | 180 |

ELECTRICAL PARAMETERS

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