

Data sheet

Laboratory Freezer ZLN-T 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.

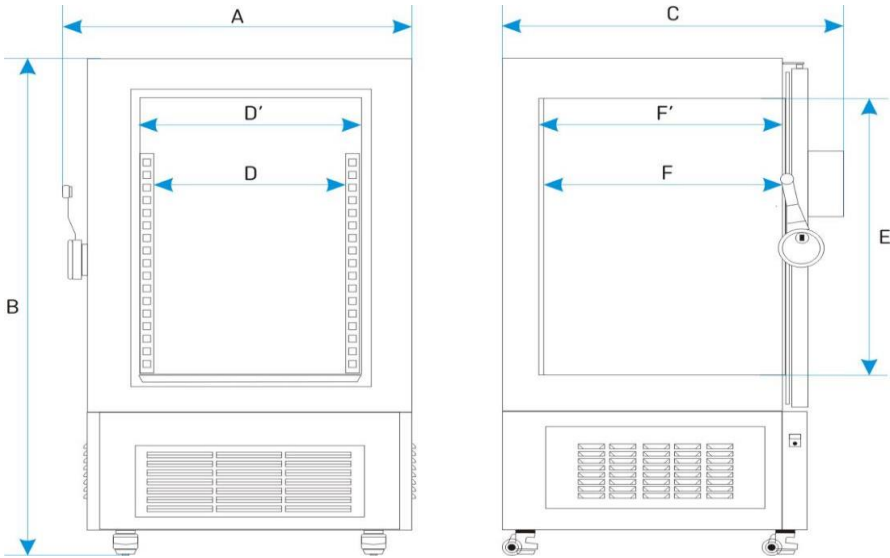
Advantages of the SMART PRO controller:

- 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

| TECHNICAL DATA | |
|---------------------------------------|--|
| air convection | natural |
| chamber capacity [l] | 310 |
| working capacity [l] | 262 |
| controller | microprocessor with external LCD graphic display |
| display | 7" full colour touch screen |
| TEMPERATURE | |
| temperature range [°C] | -40...0 |
| temperature resolution every ... [°C] | 0,1 |
| over temperature protection | - |





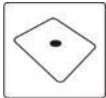

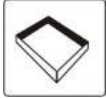




| CHAMBER | |
|------------------------|--|
| door type | solid |
| Interior | |
| P Smart PRO | acid-proof stainless steel to DIN 1.4301 |
| PS Smart PRO | acid-proof stainless steel to DIN 1.4301 |
| housing | |
| P Smart PRO | powder coated sheet |
| PS Smart PRO | stainless steel polished |
| overall dims [mm] /2/ | |
| width A | 760 |
| height B | 1730 |
| depth C | 800 |
| Internal dims [mm] /3/ | |
| width D | 450 |
| width D' | 520 |
| height E | 1120 |
| depth F | 520 |
| depth F' | 530 |
| depth G | - |
| height H | - |
| height I | - |



| shelves (standard / max) | 3 // 6 |
|-------------------------------------|-------------------|
| max shelf workload [kg] /4/ | 10 |
| - reinforced shelf version (PW) /5/ | 50 |
| max unit workload [kg] | 80 |
| - reinforced unit version (W) /6/ | 160 |
| weight [kg] | 185 |
| ELECTRICAL PARAMETERS | |
| voltage* | 230V 50Hz |
| nominal power [W] | 470 |
| warranty | 24 months |
| manufacturer | POL-EKO-APARATURA |

all the above technical data refer to standard units (without optional accessories)
* - 230V 60Hz, 115V 60Hz also available
1 - additional internal glass door
2 - depth doesn't include 50 mm of power cable
3 - dims of units with double door can be smaller
4 - on uniformly loaded surface
5 - reinforced shelf
6 - reinforced version

OPTIONS AND ACCESSORIES

| | | |
|---|-----------------------------------|--|
|  | Order number: */P INOX | Stainless steel wire shelf |
|  | Order number: */PP | Perforated shelf |
|  | Order number: */PO | Full shelf with hole |
|  | Order number: */PW | Reinforced shelf |
|  | Order number: KUW GN*/* | Stainless steel cuvettes |
|  | Order number: */W | Reinforced version |
|  | Order number: OWW/OWW LED | Interior lighting |
|  | Order number: LOD | Door opening counter |
|  | Order number: OCZ/N | Non-standard access port for external sensor |
|  | Order numberLabDesk | LabDesk - software |
|  | Order number: BRT/*/L or IQ/OQ/PQ | Calibration and IQ, OQ, PQ qualification |
|  | Order number: */3.2 | Over temperature protection 3.2 class according to DIN 12880 |