

Data sheet

Cooled Incubator (ST)
ST 3/3 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.

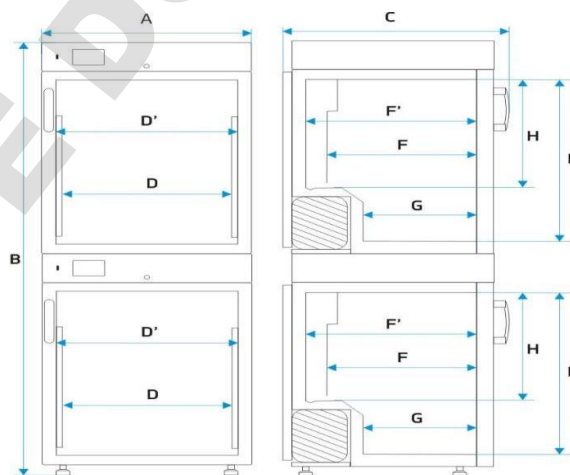
Advantages of the SMART controller:

- 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

TECHNICAL DATA

| | |
|---------------------------------------|--|
| air convection | forced |
| chamber capacity [l] | 200 / 200 |
| working capacity [l] | 163 / 163 |
| controller | microprocessor with external LCD graphic display |
| display | 4,3" full colour touch screen |
| TEMPERATURE | |
| temperature range [°C] | +3...+40 / +70 option) / +3...+70 in Smart PRO |
| temperature resolution every ... [°C] | 0,1 |
| over temperature protection | class 1.0 to DIN 12880 / class 3.3 (option) / class 3.3 in Smart PRO |

| CHAMBER | |
|------------------------|--|
| door type | solid / glass or double (option) /1/ |
| Interior | |
| B Smart | aluminium |
| C Smart | stainless steel to DIN 1.4016 |
| CS Smart | stainless steel to DIN 1.4016 |
| P Smart | acid-proof stainless steel to DIN 1.4301 |
| PS Smart | acid-proof stainless steel to DIN 1.4301 |
| housing | |
| B Smart | powder coated sheet |
| C Smart | powder coated sheet |
| CS Smart | stainless steel polished |
| P Smart | powder coated sheet |
| PS Smart | stainless steel polished |
| overall dims [mm] /2/ | |
| width A | 620 |
| height B | 2110 |
| depth C | 650 |
| Internal dims [mm] /3/ | |
| width D | 480 |
| width D' | 520 |
| height E | 860 |
| depth F | 420 |
| depth F' | 480 |
| depth G | 320 |
| height H | 640 |
| height I | - |



| | |
|-------------------------------------|-------------|
| shelves (standard / max) | 3//4 3//4 |
| max shelf workload [kg] /4/ | 10 |
| - reinforced shelf version (PW) /5/ | - |
| max unit workload [kg] | 40 |
| - reinforced unit version (W) /6/ | - |
| weight [kg] | 119 |

ELECTRICAL PARAMETERS















| | |
|-------------------|-------------------|
| voltage* | 230V 50Hz |
| nominal power [W] | 500 |
| 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: */C | Internal glass door |
|  | Order number: */A | External glass door |
|  | Order number: */P | Wire shelf |
|  | Order number: */P INOX | Stainless steel wire shelf |
|  | Order number: */PP | Perforated shelf |
|  | Order number: */PW | Reinforced shelf |
|  | Order number: KUW GN*/* | Stainless steel cuvettes |
|  | Order number: ST/CHL/SWP ALU | Aluminum drawer with powder coated slides |
|  | number: ST/CHL/SWP INOX | Stainless steel drawer with powder coated slides |
|  | Order number: ST/CHL/SWPN INOX | Stainless steel drawer with stainless steel slides |
|  | Order number: ORG-FARM | Pharma organizer |
|  | Order number: QLK* | Wheels |
|  | Order number: *PLUS | Automatic defrosting function |
|  | Order number: ST/70 | Extended temperature range to 70°C |

| | | |
|---|----------------------------------|--|
|  | Order number: ST/CHL WENT | Fan speed control |
|  | Order number: */FOT | Photoperiodic system |
|  | Order number: LOD | Door opening counter |
|  | Order number: GNZ | Internal socket |
|  | Order number: OCZ/N | Non-standard access port for external sensor |
|  | Order number: LabDesk | LabDesk - software |
|  | Order number: BRT/*L or IQ/OQ/PQ | Calibration and IQ, OQ, PQ qualification |
|  | Order number: */3.3 | Over temperature protection 3.3 class according to DIN 12880 |

DOMINIQUE DUTSCHER SAS