

Data sheet

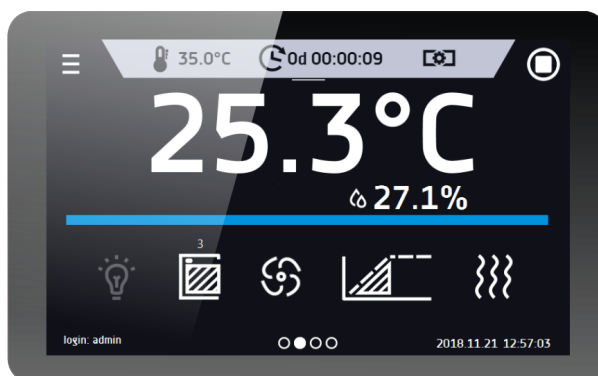
Peltier-Cooled Incubator ILP 53 Smart PRO



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



Smart PRO - preview screen

TECHNICAL DATA

| | |
|----------------------|-----------------------------|
| air convection | forced |
| chamber capacity [l] | 56 |
| working capacity [l] | 56 |
| controller | microprocessor PID |
| display | 7" full colour touch screen |

TEMPERATURE

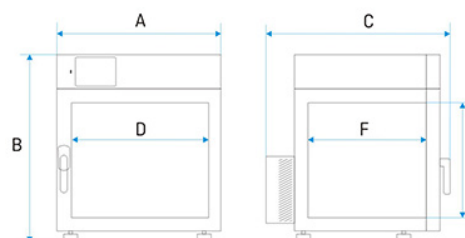
| | |
|---|--|
| temperature range [°C] | 0...+70 (max 20°C below ambient temperature) |
| temperature resolution every ... [°C] | 0,1 |
| temperature fluctuation at 37°C [±-°C]* | 0,1 |
| temperature variation at 37°C [±-°C]* | 0,2 |
| over temperature protection | class 3.3 to DIN 12880 |

CHAMBER

| | |
|-----------------|---|
| door type | double(5) / door with viewing window (option) |
| interior | |
| Smart PRO | DIN 1.4301 |
| IG Smart PRO | DIN 1.4301 |
| housing | |
| Smart PRO | powder coated sheet |
| IG Smart PRO | stainless steel linen finish |

overall dims [mm] /1/

| | |
|---------------------------|-----|
| width A | 590 |
| height B | 710 |
| depth C | 690 |
| internal dims [mm] | |
| width D | 400 |
| height E | 390 |
| depth F | 360 |



| | |
|-----------------------------|-------|
| shelves (standard max) | 2 5 |
| max shelf workload [kg] /2/ | 25 |
| max unit workload [kg] | 50 |
| weight [kg] | 69 |

ELECTRICAL PARAMETERS

| | |
|-------------------|-------------------|
| voltage** | 230V 50-60Hz |
| nominal power [W] | 500 |
| warranty | 24 months |
| manufacturer | POL-EKO-APARATURA |

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

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

$K = \pm (T \text{ average max.} - T \text{ average min.}) / 2$

** - other power supplies on request

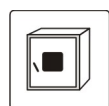
1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

4 - additional internal glass door

OPTIONS AND ACCESSORIES



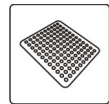
Order number: */A

door with viewing window



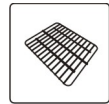
Order number: */P INOX

Stainless steel wire shelf INOX



Order number: */PP

Perforated shelf



Order number: */PW

Reinforced shelf



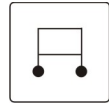
Order number: KUW GN*/*

Stainless steel cuvettes



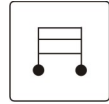
Order number: QLK*

Castors



Order number: */S or */S INOX

Table with castors



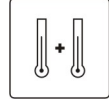
Order number: */ST or */S INOX

Base on castors



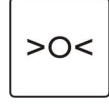
Order number: */W

Reinforced version



Order number: PT 100

Additional temperature sensor



Order number: BRT*/L or IQ/OQ/PQ

Calibration and IQ, OQ, PQ qualification



Order number: BPP 12

Battery backup for display



Order number: PORT ALARM

Dry alarm contact



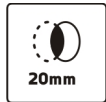
Order number: USBK

USB cable



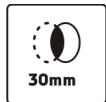
Order number: LANK

LAN cable



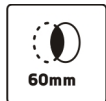
Order number: OCZ/20

Non-standard access port 20 mm



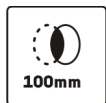
Order number: OCZ/30

Additional access port 30 mm



Order number: OCZ/60

Non-standard access port 60 mm



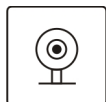
Order number: OCZ/100

Non-standard access port 100 mm



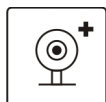
Order number: KD

Access control



Order number: CCTV

Camera inside the chamber



Order number: CCTV CAM

Additional camera