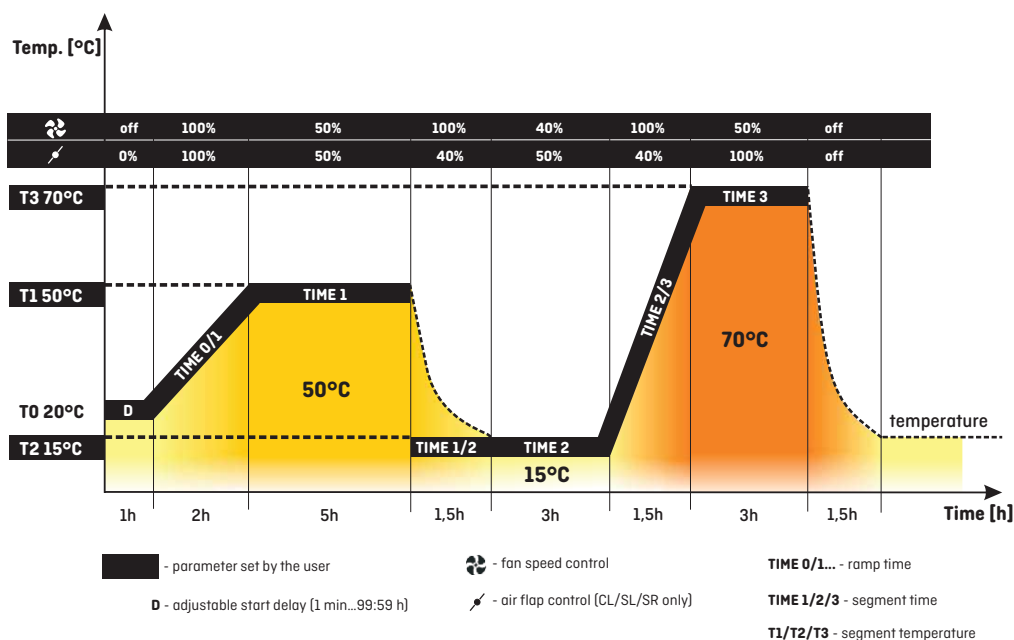


# Drying ovens, incubators, cooled incubators

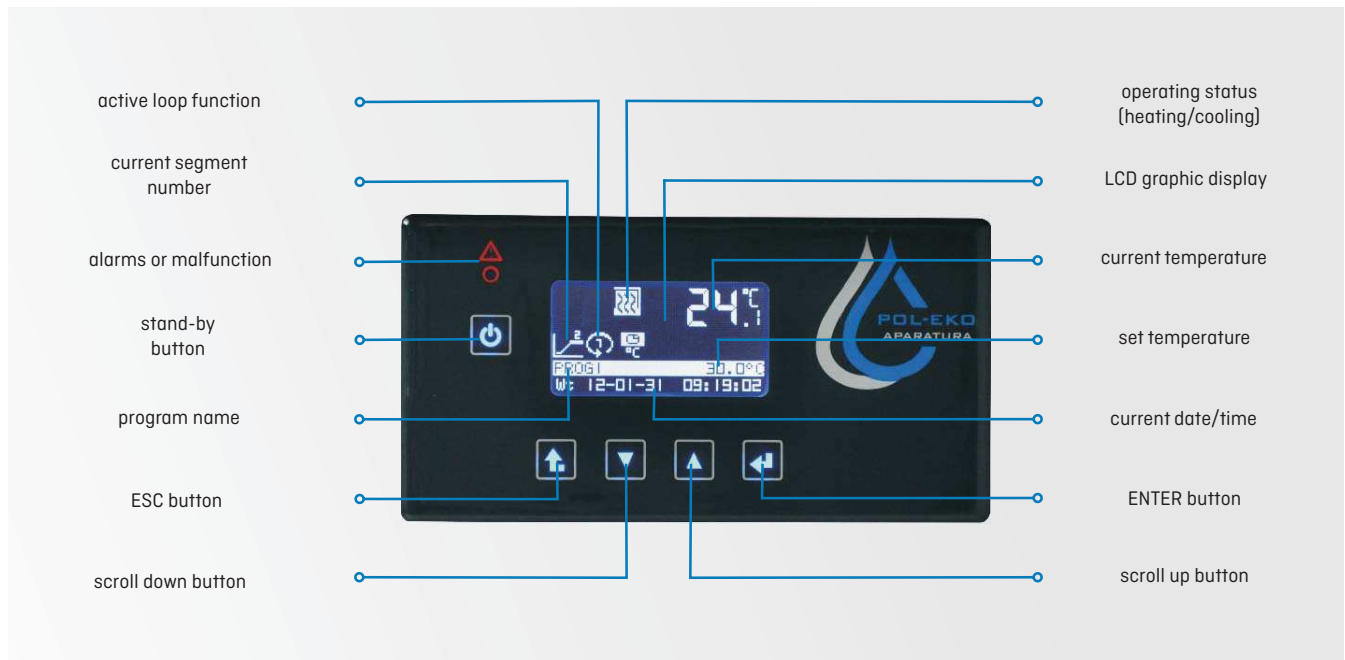
All the units in the STD version are equipped with a PID microprocessor controller with an LCD graphic display and illuminated touch buttons.

## Controller advantages

- six-segment temperature-time profile
- loop function up to 99 times or endless
- 3 user programs memory
- adjustable start delay feature (from 1 min to 99:59 h)
- adjustable hold at set point time for temperature and lighting (for IL/FOT) from 1 min to 100 days, or continuous operating
- adjustable ramps
- overview of set and current parameters while operating
- recording of min, average and max temperature value for each segment
- possibility of temperature calibration by the user
- audible and visual temperature alarm
- operating with temperature priority
- temperature sensor fail alarm
- power failure control system (program continued after restoring power)
- digital timer
- real time clock
- auto-diagnostic function
- internal memory to store up to 2046 data records
- natural [SL/SR/CL] or forced [SL/SR/CL/IL] air convection with fan speed control (for CLW/SLW/SRW 15-115 0 ... 100%, CLW/SLW/SRW 180-1000 and ILW 10 ... 100%)
- automatic fan shut-down after completing the program
- automatic air-flap control [CL/SL/SR]



### Control panel



### Standard features

- temperature range: SL (+5°C above ambient temp. ... +300°C), SR (+5°C above ambient temp. ... +250°C), CL (+5°C above ambient temp. ... +100°C), IL (0°C up to 70°C / optionally -10°C up to 70°C)
- quality control protocol (at +37°C for CL/IL, at +105°C for SL, at +170°C for SR)
- English instruction manual
- available menu languages: Czech, English, Estonian, French, German, Italian, Polish, Portuguese, Russian, Spanish
- temperature protection class 2.0 to DIN 12880
- open door alarm
- wheels in standard for models 400, 750, 1000
- air-flap diameter for CL/SL 15-180 - Ø40 mm, for CL/SL 240-1000 - Ø60 mm

RS 232 and USB ports for data transfer

access port: Ø30 mm for models 53-1000 or Ø9 mm for models 15-32

wire stainless steel shelves

solid door, internal glass door for CL and IL

door lock



### TOP+ version

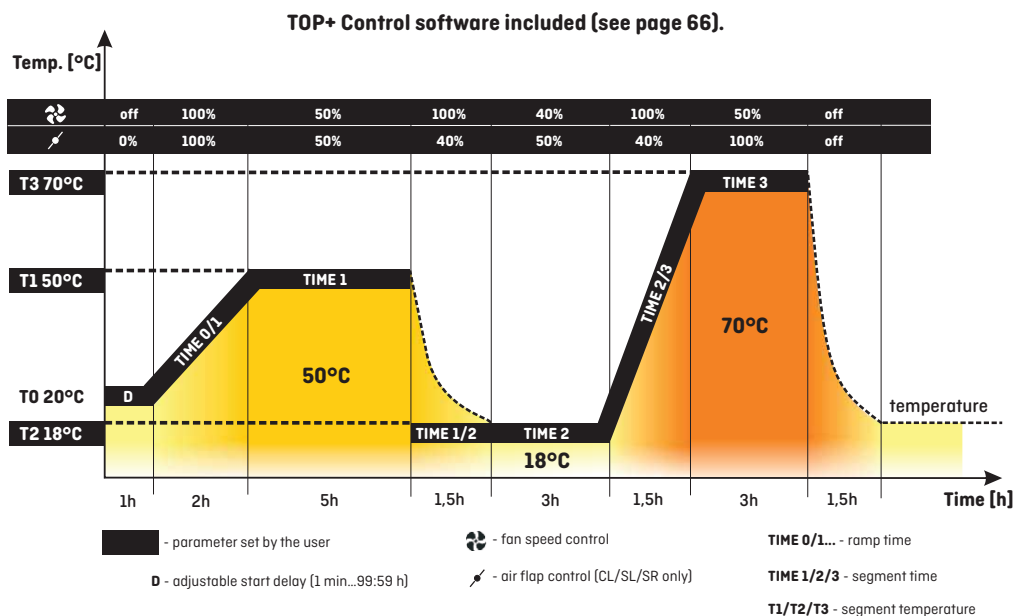
All the units in the TOP+ version are equipped with a PID microprocessor controller with a large (5,7") full colour touch screen, intuitive menu and user friendly software. They can be connected to Ethernet network for remote control from any computer, being one of the greatest advantages.

### Controller advantages

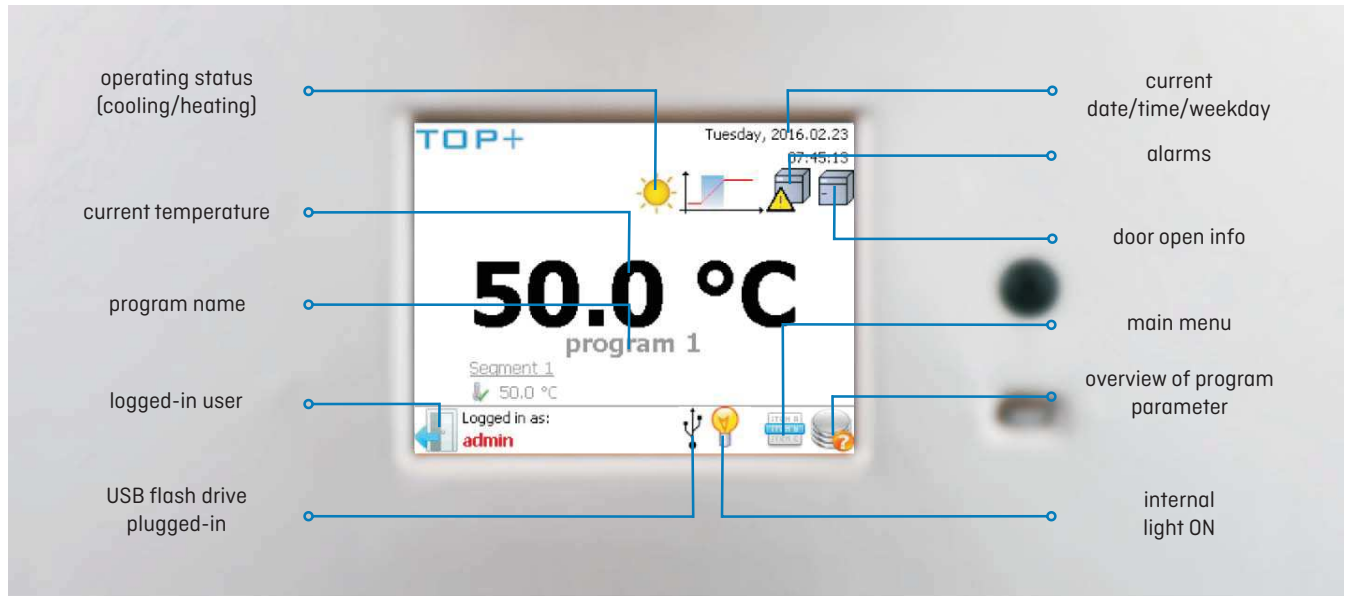
- multi-segment temperature-time profile (up to 100)
- Administrator function to manage User accounts
- adjustable start delay feature (from 1 min to 99:59 h)
- access control via login
- 7 days programming
- loop function up to 99 times or endless
- adjustable hold at set point time for temperature and lighting (for IL/FIT) from 1 min to 999:59 h, or continuous operating
- adjustable ramps
- overview of set and current parameters while operating
- recording of min, average and max temperature value for each segment
- possibility of temperature calibration by the user
- audible and visual temperature alarm
- operating in temperature or time priority mode
- temperature sensor fail alarm
- power failure control system (program continued after restoring power)
- digital timer
- real time clock
- auto-diagnostic function
- natural (SL/CL) or forced (SL/CL/IL) air convection with fan speed control for CLW/SLW 53/115 0...100%; CLW/SLW 180-1000 and ILW 10...100%
- automatic fan shut-down after completing the program
- automatic air-flap control (CL/SL)

### GLP supporting functions

- password protected settings
- 20 user programs memory
- internal memory to store up to 4100 data records for each user, possibility to overview the values on the display or a PC computer in a tabular or graphic form
- USB port to allow direct data recording or transfer to a USB mass storage device
- events registry



### Control panel



### Standard features

- temperature range: SL (+5°C above ambient temp. ... +300°C), CL (+5°C above ambient temp. ...+100°C), IL (0°C up to 100°C / optionally -10°C up to 100°C)
- Ethernet cable
- TOP+ Control software
- USB port to allow direct recording and data transfer onto a flash drive
- quality control protocol (at +37°C for CL/IL, at +105°C for SL)
- English instruction manual
- available menu languages: Czech, English, Estonian, French, German, Hungarian, Italian, Latvian, Polish, Portuguese, Romanian, Russian, Spanish
- temperature protection class 3.3 (IL), class 3.1 (CL/SL) to DIN 12880
- open door alarm
- wheels in standard for models 400, 750, 1000
- air-flap diameter for CL/SL 15-180 - Ø40 mm, for CL/SL 240-1000 - Ø60 mm

RS 232 port for data transfer

LAN port for remote control

access port: Ø30 mm

wire stainless steel shelves

solid door, internal glass door for CL and IL

USB port to allow direct recording and data transfer to a USB mass storage device

door lock

