

## Drying ovens, incubators, cooled incubators

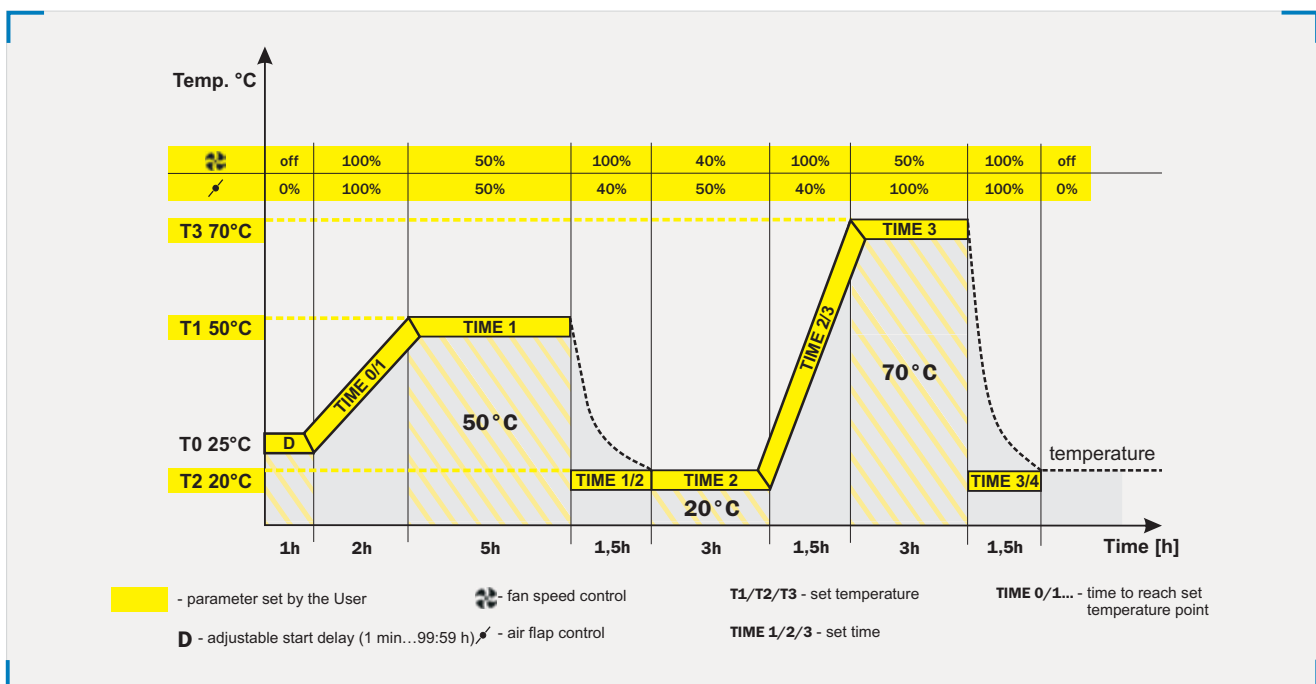
### STD version

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

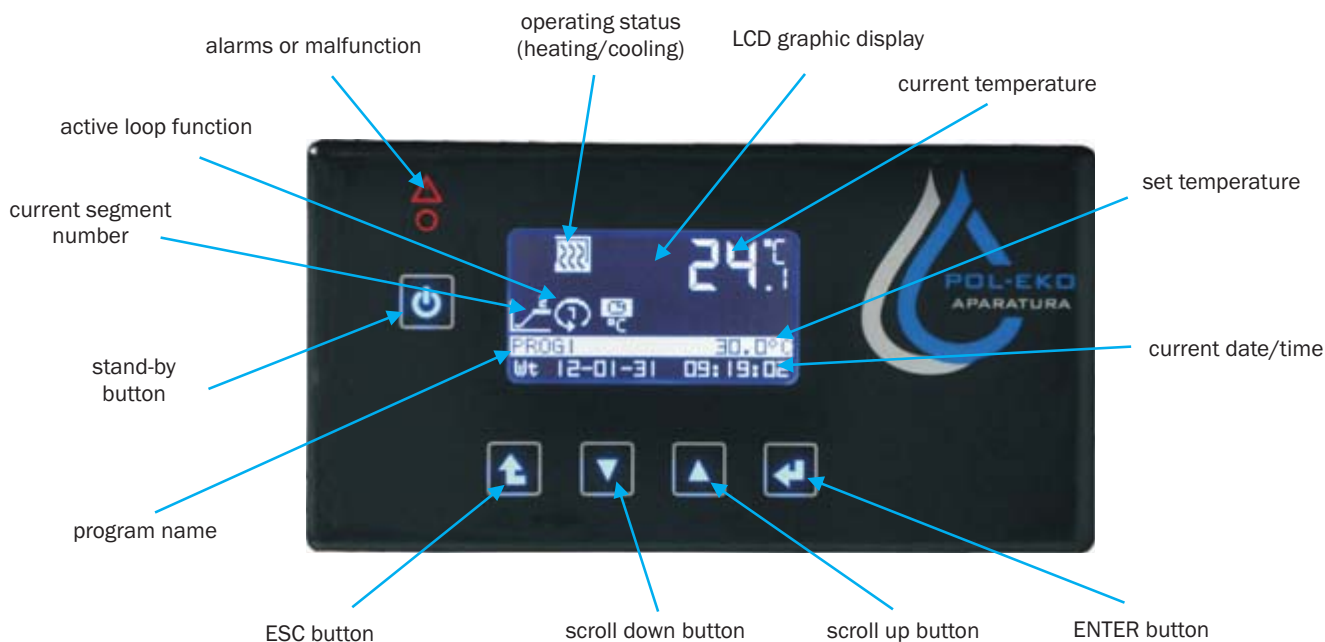
### Controller advantages

- six-segment temperature-time profile
- 3 user programs memory
- loop function up to 99 times or endless
- 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 31 days / 1 min to 999 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 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
- automatic fan shut-down after completing the program
- automatic air-flap control (CL/SL)
- natural (SL/CL) or forced (SL/CL/IL) air convection with fan speed control

Detailed description of parameters on page 56.



## Control Panel



## Standard features

- solid door
- internal glass door for CL and IL
- temperature range: SL (+5°C above ambient temp... 300°C), CL (+5°C above ambient temp... +100°C), IL (0°C up to 70°C / optionally -10°C up to 70°C)
- RS232 and USB interface allow to download relevant program data with the free EasyLab Basic software available on the website or the EasyLab Professional software (see page 68); cables to be ordered separately (RSK or USBK option)
- wire stainless steel shelves
- quality control protocol
- English instruction manual
- available menu languages: Czech, English, Estonian, French, German, Italian, Polish, Portuguese, Russian, Spanish
- temperature protection class 2.0 to DIN 12880
- door lock
- open door alarm
- access port: Ø30 mm for models 53-1000 or Ø9 mm for models 15-32
- wheels in standard for models 750-1000



## 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.

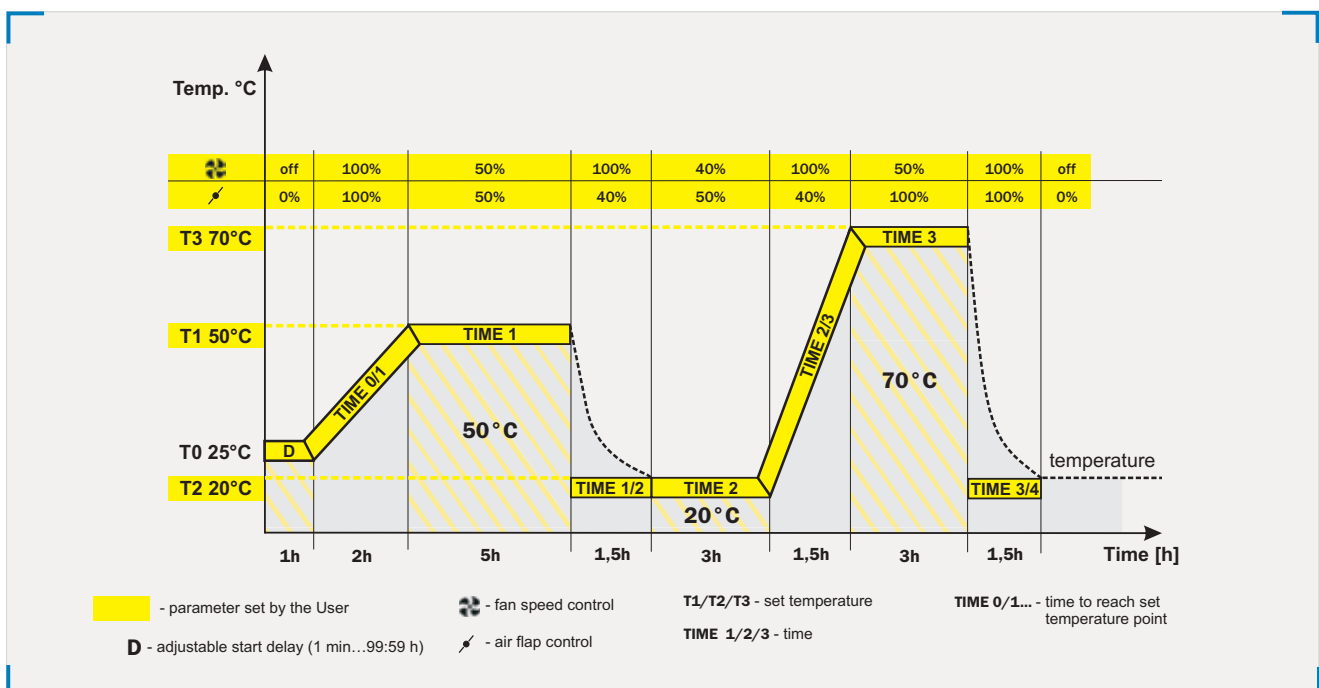
## Controller advantages

- Administrator function to manage User accounts
- access control via login
- 7 days programming
- multi-segment temperature-time profile (up to 100)
- loop function up to 99 times or endless
- 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 31 days / 1 min to 999h, 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
- defrosting function (for IL)
- temperature sensor fail alarm
- power failure control system (program continued after restoring power)
- digital timer
- real time clock
- auto-diagnostic function
- automatic fan shut-down after completing the program
- automatic air-flap control (CL/SL)

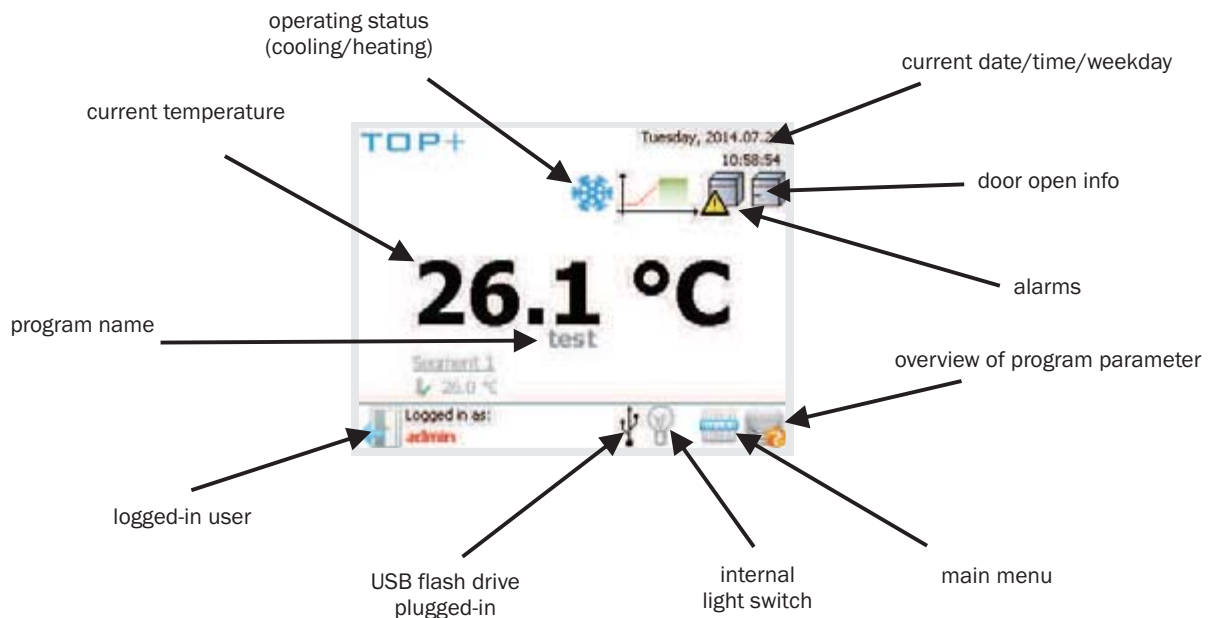
Detailed description of parameters on page 56.

## 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 tabular or graphic form
- USB port to allow direct data recording or transfer onto a flash drive
- events registry
- TOP+ control software (see page 69)



## Control panel



## Standard features

- solid door
- internal glass door for CL and IL
- 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)
- RS232 interface, USB port to allow direct recording and data transfer onto a flash drive; data can also be downloaded with the free TOP+ Control software (see page 69) or the EasyLab Professional software (see page 68); cables to be ordered separately (RSK or USBK option)
- Ethernet port for remote control, Ethernet cable
- TOP+ Control software
- wire stainless steel shelves
- quality control protocol
- English instruction manual
- available menu languages: 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
- door lock
- open door alarm
- access port: Ø30 mm

