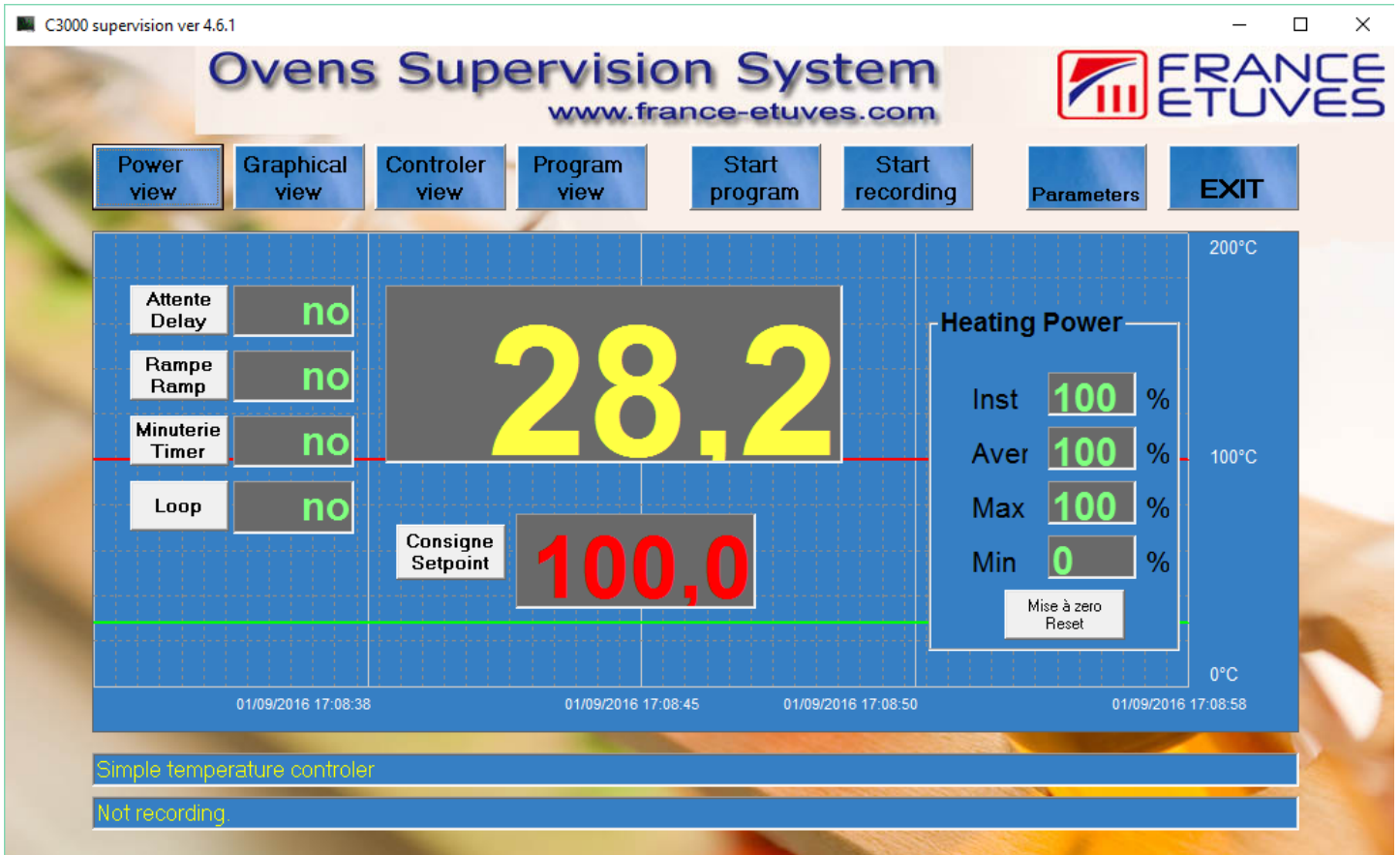


The software will allow an oven equipped with a C3000 controller to communicate with your computer. It requires an RS232 communication cable (ref 410739 available on our website (<https://store.france-etuves.com/>). The operation of the controller is described in the controller manual downloadable from the same website.

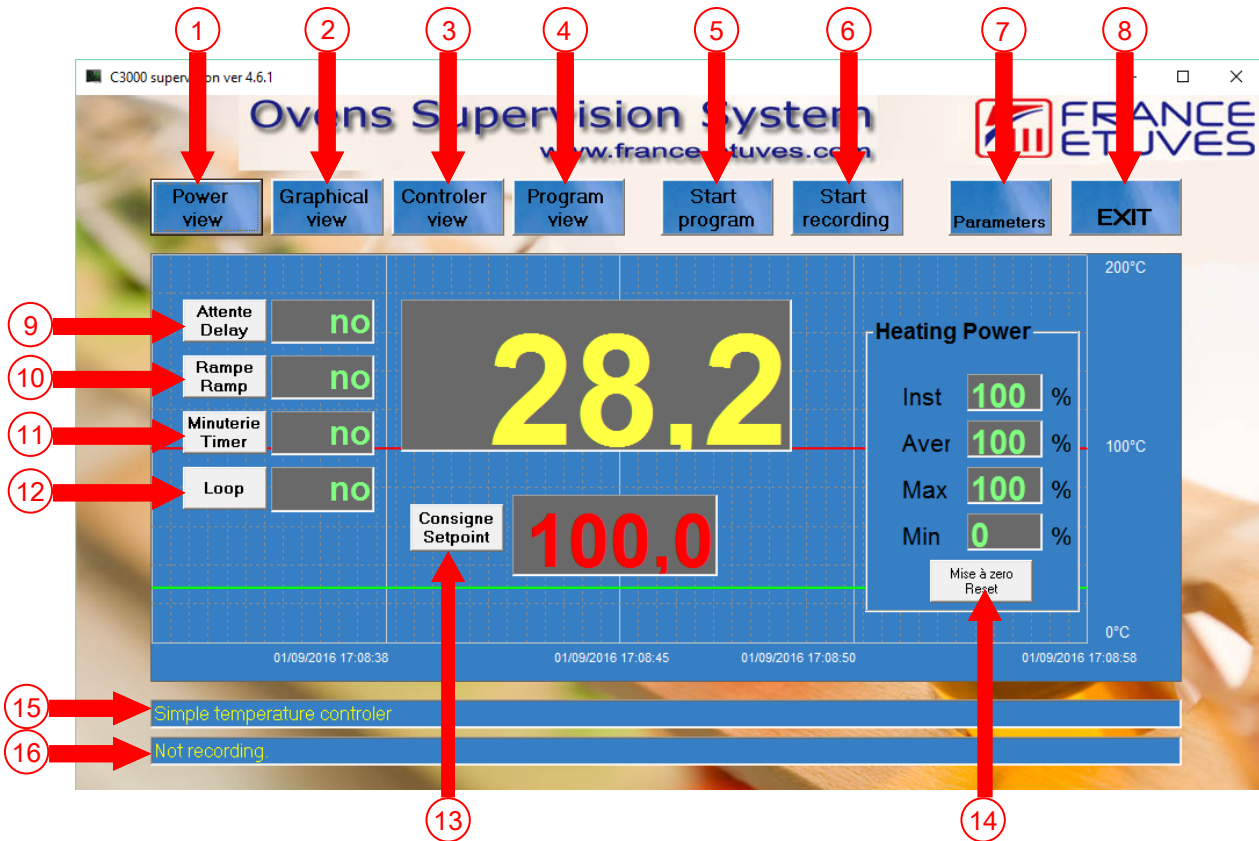
One software can only communicate with one oven.



Content

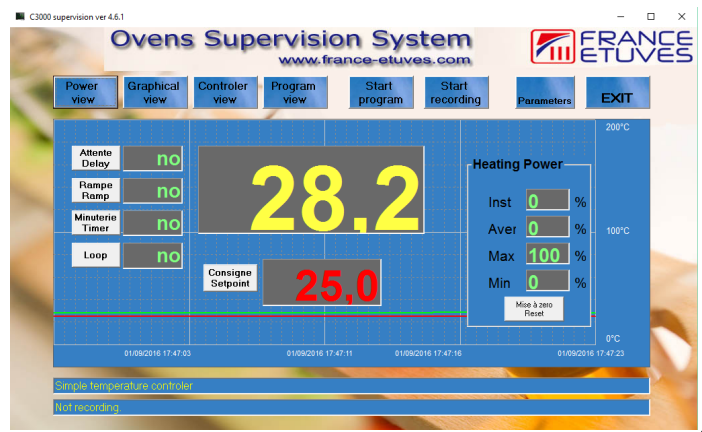
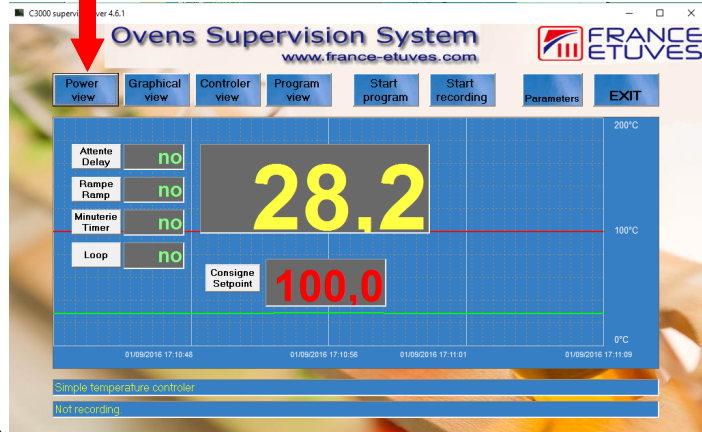
Description of the display screen.....	page 2
1-) Power view.....	page 3
2-) Graphical view	page 3
3-) Controller view	page 3
4-) Program view	page 4
5-) Start program	page 4
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7-) Parameters	page 5
8-) Exit	page 5
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10-) Rampe/Ramp.....	page 6
11-) Minuterie/Timer.....	page 7
12-) Loop	page 7
13-) Consigne/Setpoint.....	page 8
14-) Mise à zero/Reset.....	page 8
15-) Current program indicator.....	page 9
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Description of the display screen:

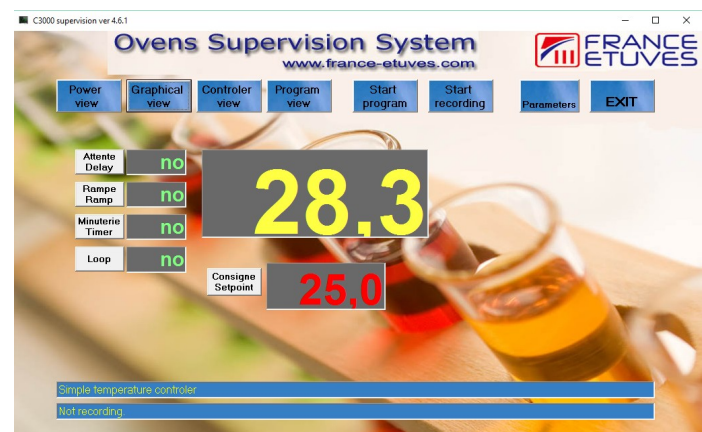
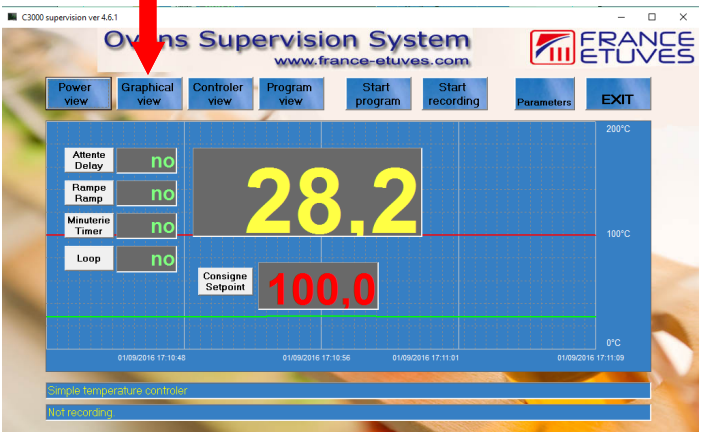


- 1- show or hide the power display
- 2- show or hide the temperature curve
- 3- show or hide display of controller data
- 4- show or hide program steps
- 5- program start
- 6- recording start
- 7- displays the window for modifying the software parameters
- 8- exits the program
- 9- allows to modify the value of the waiting time before heating
- 10- allows to modify the value of the heating ramp
- 11- allows you to change the value of the timer
- 12- allows you to loop the program
- 13- allows to modify the temperature set point value
- 14- resets the power recording values to zero
- 15- current program indicator
- 16- recording in progress indicator

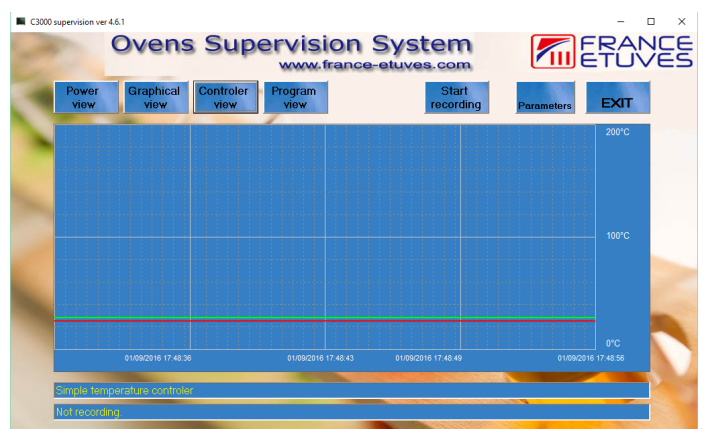
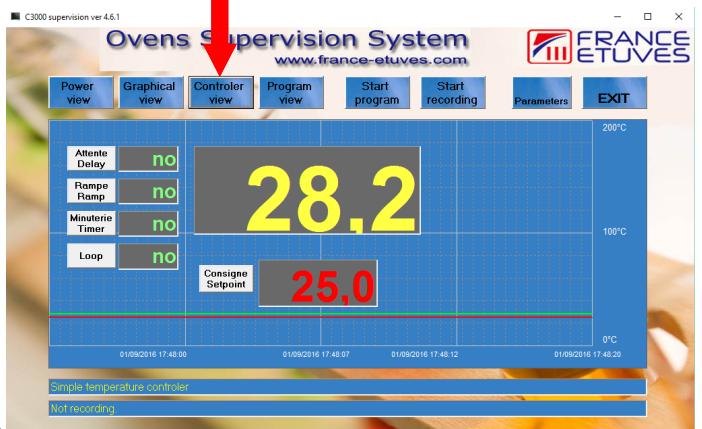
1-) Power view : show or hide the power display




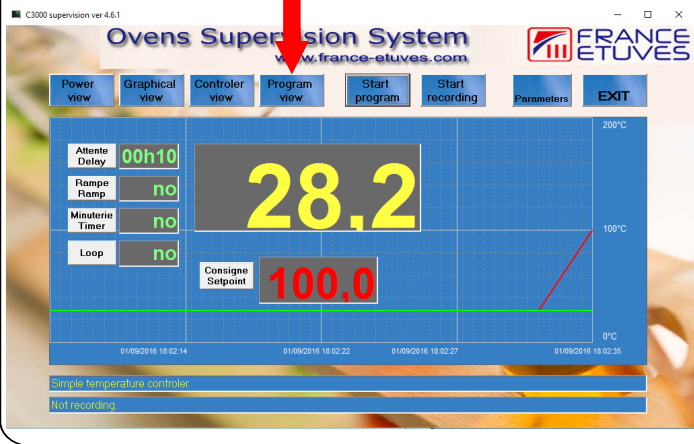
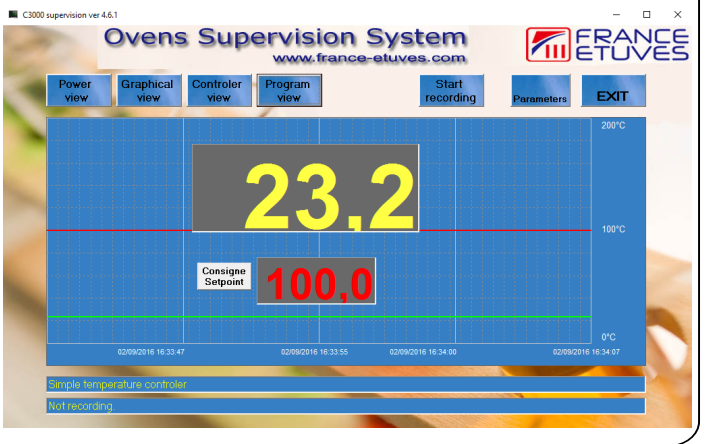
2-) Graphical view : show or hide the temperature curve




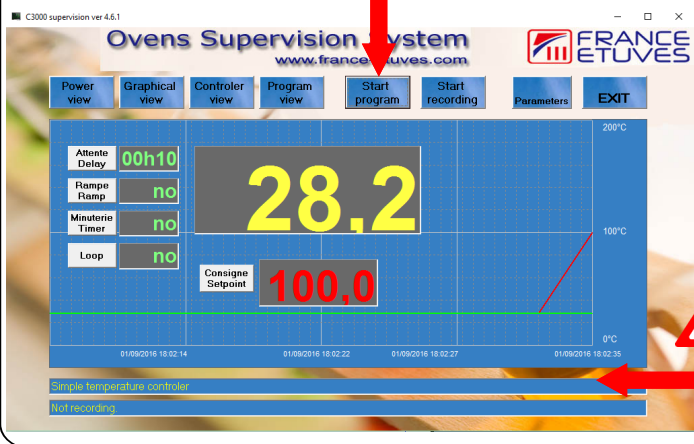
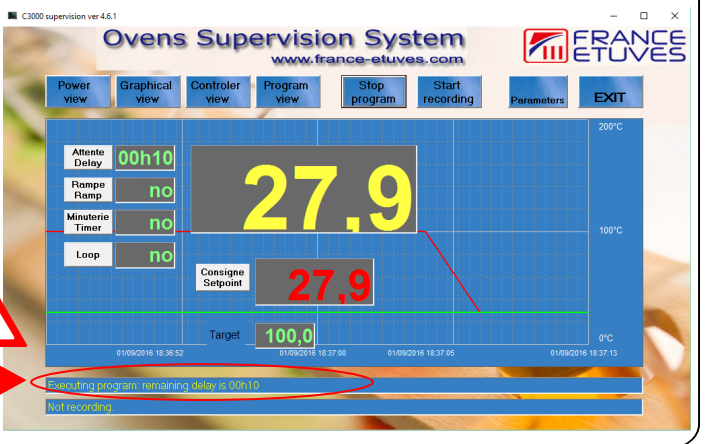
3-) Controller view : show or hide display of controller data



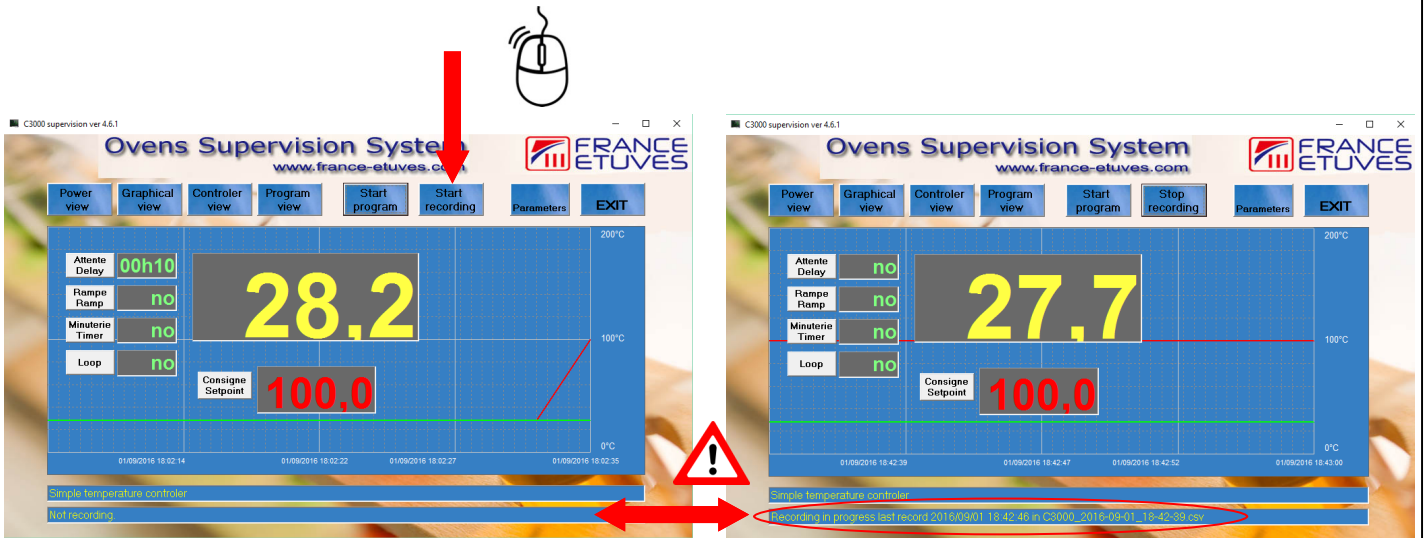
4-) Program view : show or hide program steps

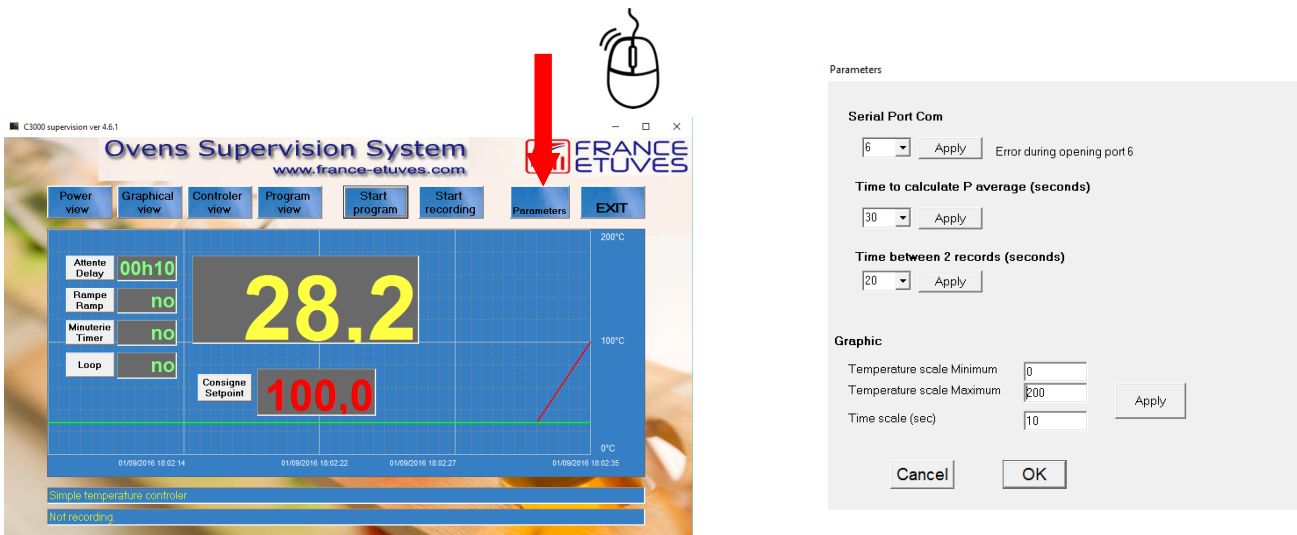
5-) Start program : starts the program

6-) Start recording : start recording and stop while it is in progress



7-) Parameters : displays the window for modifying the software parameters



Serial Port Com : allows to choose the communication port on the computer (choose from 1 to 18)

Time to calculate P average : choice of the precision of calculation of the average power (choose 30, 60, 90, 120, 180 or 360 secondes)

Time between 2 records : choice of recording interval (choose 10,20,30,60,120 or 240 secondes)

Graphic

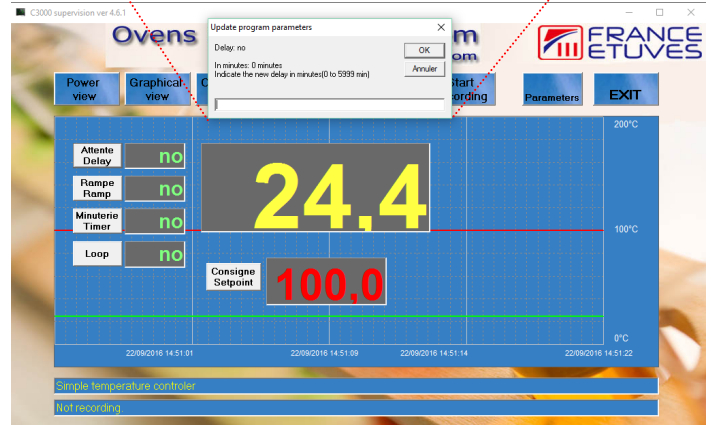
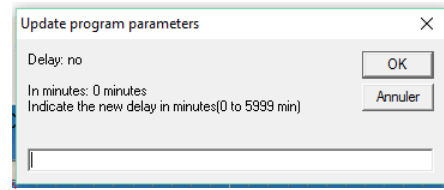
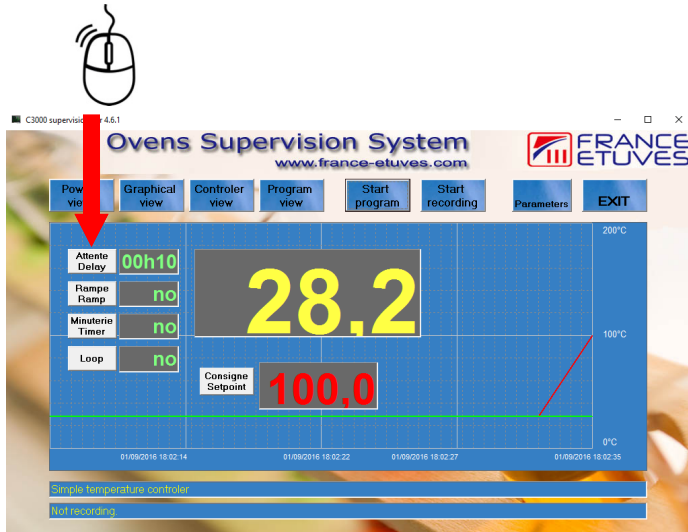
Temperature scale Minimum : choice of the lower limit of the temperature curve display

Temperature scale Maximum : choice of the upper limit of the temperature curve display

Time scale : choice of time interval for displaying the temperature curve (in secondes)

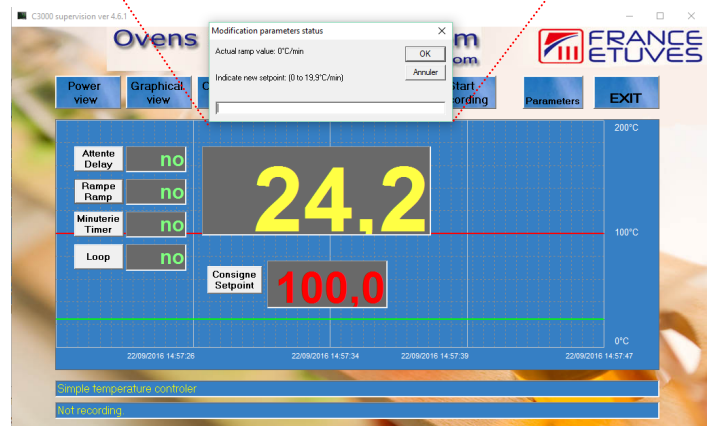
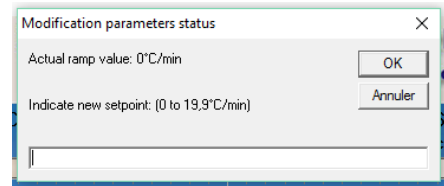
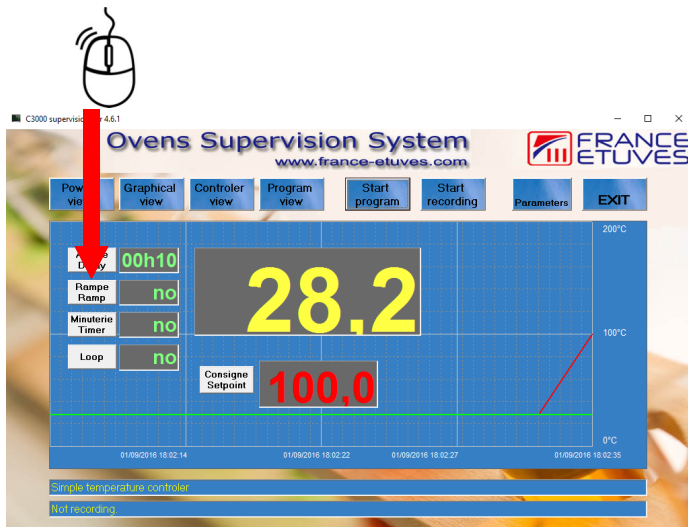
8-) Exit : exits the software

9-) Delay: allows to modify the value of the waiting time before heating



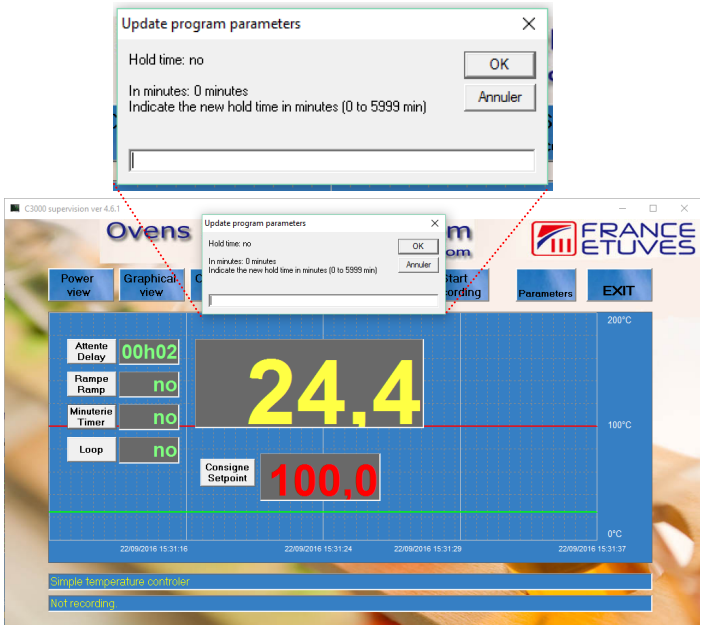
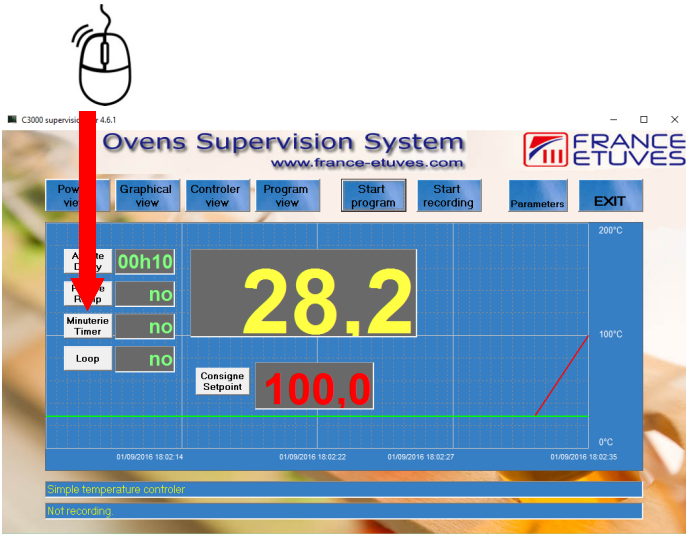
The waiting time must be set in minutes (values between 0 and 5999).
If the value is 0, « no » is displayed.

10-) Rampe : allows to modify the value of the heating ramp



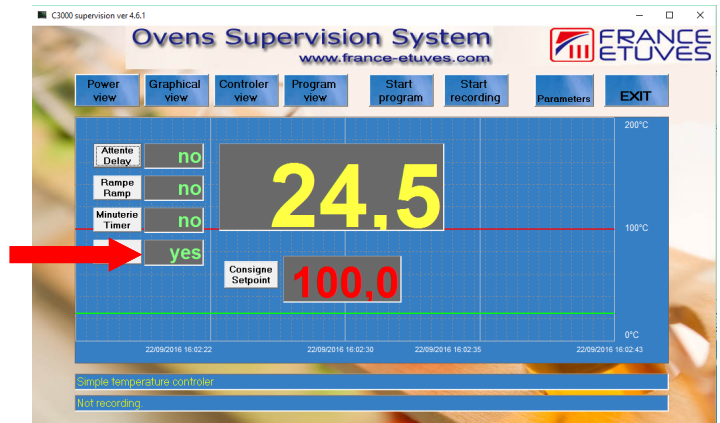
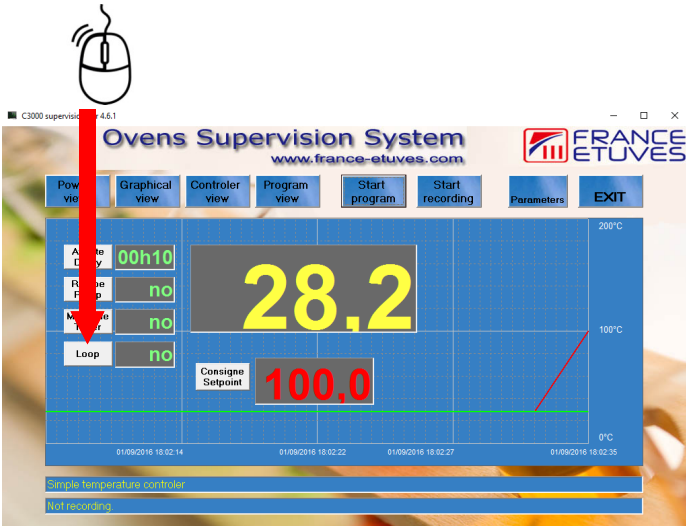
The value of the ramp must be set in °C / minutes (values between 0 et 19.9°C/min).
If the value is 0, « no » is displayed.

11-) Minuterie/Timer : allows you to change the value of the temperature level timer



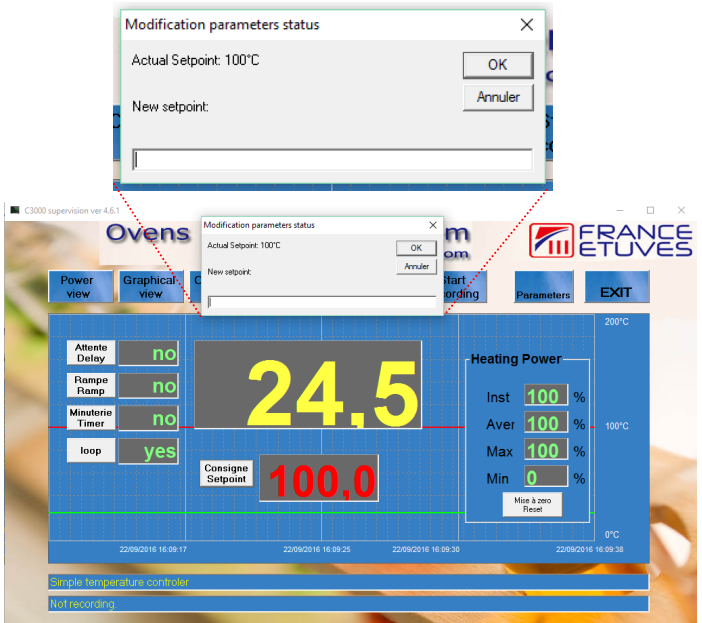
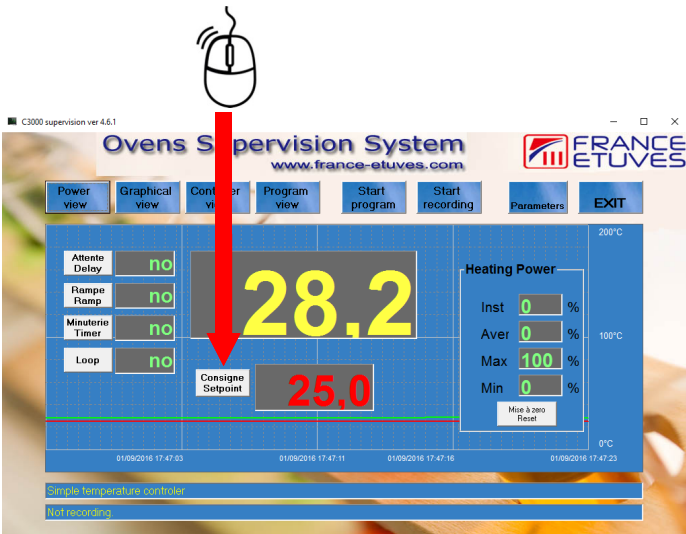
The value of the timer must be set in minutes (values between 0 et 5999).
If the value is 0, « no » is displayed.

12-) Loop : allows you to loop the program



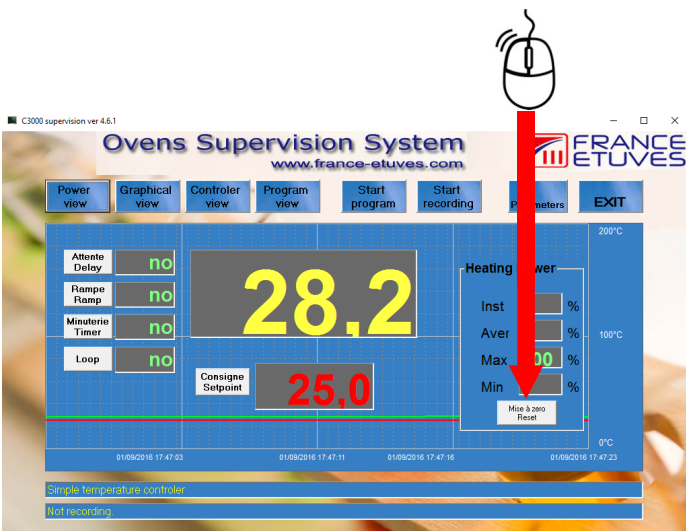
Clicking the button activates the program loop.
The display becomes « YES ».

13-) Consigne/Setpoint : allows to set the setpoint



Set the new setpoint value

14-) Mise à zero/Reset : resets the power recording values to zero



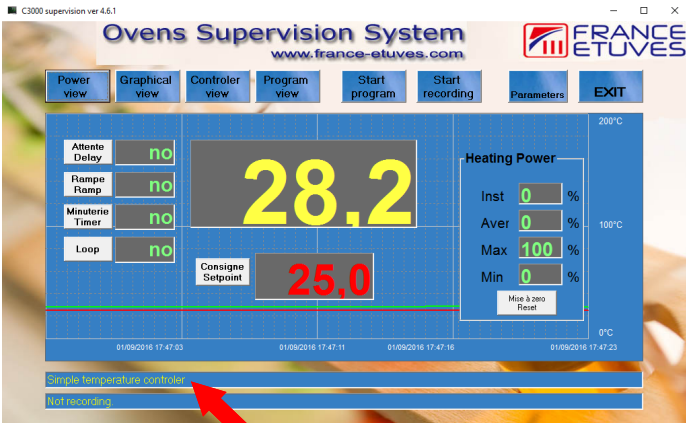
Heating Power		Puissance :
Inst	100 %	Instantanée
Aver	100 %	Moyenne
Max	100 %	Maximum
Min	0 %	Minimum
Mise à zero Reset		

A click on the button resets the stored values.

The displayed values are the percentage of power applied to the heating elements.

If your oven has a heating power of 4000W, with an average value of 5% in one hour, the power consumed will be 200Wh.

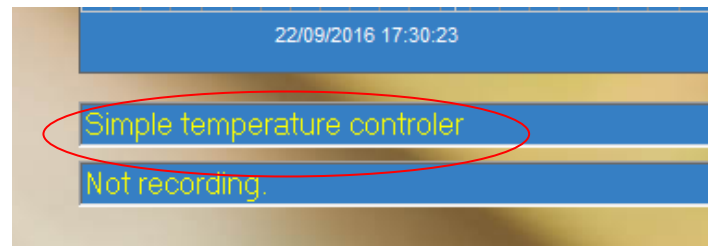
15-) current program indicator



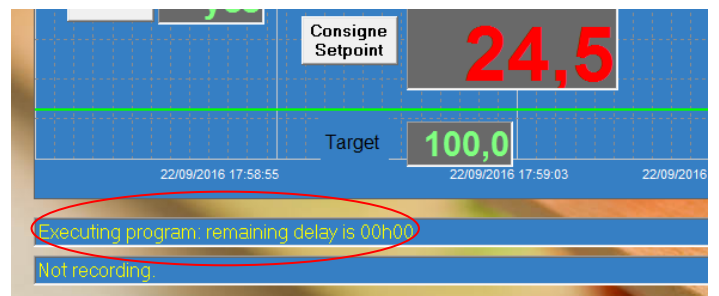
Program status bar

The display of the steps in progress appears in the status bar.

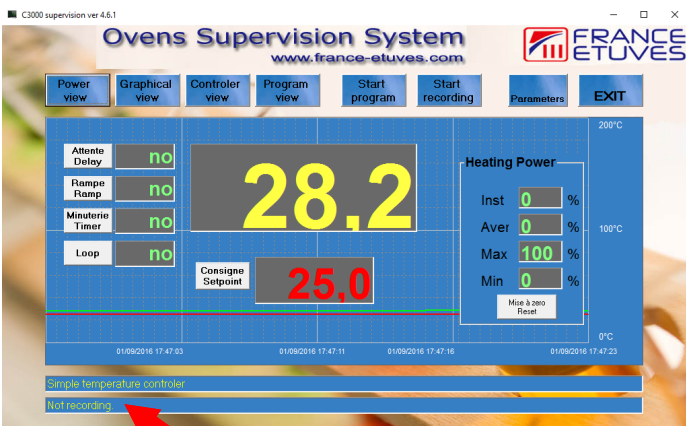
No program



Program running



16-) recording in progress indicator



Recording status bar

The display in the recording status bar indicates the recording start time and the name of the csv file in which the values are saved :
Recording in progress last record 2016/09/23 10:18:17 in C3000_2016-09-23_09-53-59.csv
Do not open the csv file while the recording is in progress, otherwise it will cause an error and stop the recording.

The values are saved as shown below :

	A	B	C	D
1	Date Time	set point	measure	power
2	23/09/2016 09:54:36	100	22,8	100
3	23/09/2016 09:54:56	100	22,8	100
4	23/09/2016 09:55:17	100	22,8	100
5	23/09/2016 09:55:37	100	22,8	100
6	23/09/2016 09:55:57	100	22,8	100
7	23/09/2016 09:56:17	100	22,8	100