

Control software Supervision C3000

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 (<u>https://store.france-etuves.com/</u>). The operation of the controller is described in the controller manual downloadable from the same website.

One software can only communicate with one oven.



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Control software Supervision C3000

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 displ	ay		· · · · · · · · · · · · · · · · · · ·
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	c rc
Supple temperature controlor	
Not recording Not recording in progress Bud revord 2016/04/01 18 42/46 in C0000, 2016/04/04 in C0000, 2016/04/04 in C000, 2016/04/04 in C0000, 2016/04/04/04/04/04 in C0000, 2016/04/04/04/04/04/04/04/04/04/04/04/04/04/	

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

C3000 supervision ver 4.6.1		Parameters Serial Port Com
Ovens Supervision System	ERANCE	6 Apply Error during opening port 6
Power Graphical Controler Program Start Start view view view view recording	Parameters EXIT	Time to calculate P average (seconds)
Alterity 00h10 Pampe no 28.2	200'C	Time between 2 records (seconds)
	100°C	Graphic
Consigne Setpoint 100,0		Temperature scale Maximum 200 Apply Time scale (sec) 10
e rivado is la 22 4 e rieko di la 62 22 e rivado is la 22 27 Cample temperature controler	0°C 01/05/2016 18 02:35	Cancel OK

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 or360 se-

condes)

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 warting time before	e heating
The waiting time must be set in minutes (values between 0 and If the value is 0, « no » is displayed.	1 5999).

To-) Kampe . anows to modify the value of the nearing ramp	n parameters status value: 0°C/min e setpoint: (0 to 19,9°C/min) Medification parameters status Actual urary value: 0°C/min Medification parameters status Medification parameters status
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.	220902018 H 57.5H 220902016 H 57.5H 220902016 H 57.5H 220902016 H 57.5H





11-) Minuterie/Timer : allows you to change the value of th	Le temperature level timer
20°C 10°C	Output Update program garanded:
The value of hte timer must be set in minutes (values betw If the value is 0, « no » is displayed.	een 0 et 5999).







13-) Consigne/Setpoint : allows to set the setpoint	
<figure></figure>	Modification parameters status × Actual Selpoint: 100°C OK New selpoint: OK Modification parameters status Annular Modification parameters status Non Modification parameters Non







15-) current program indicator	
	No program
<text></text>	22/09/2016 17:30:23 Simple temperature controler Not recording. Program running Consigne Setpoint 22/09/2016 17:59:03 22/09/2016 17:59 22/09/2016 17:59
The display of the steps in progress appears in the status bar.	Not recording.



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 :

	۸	D	0	D	ſ
	A	В		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	00/00/0040 00.50.47	400	00.0	400	

