
Instructions for use

TOUCH EQUIPMENT FOR PROFESSIONAL USE

IPERLOTUS TOUCH LINE

Model LIBR.UTENTE LINEA DIGITALE

Code 5630613A0

Review 1

Edition date 06/11/2024

Language English

Contents

1	KEY/LOGO OFF	3
1.1	The function is present on all models	3
2	TIMER	4
2.1	The function is present on all models	4
3	PASTA COOKER OR STEAM	9
3.1	The function is present on AUTOMATIC CP(7-CPA)	9
4	SLOW WATER LOADING	10
4.1	The function is present on AUTOMATIC CP(7-CPA)	10
5	VACUUM CORE PROBE	12
5.1	The function is present on AUTOMATIC CP(7-CPA)	12
6	CORE PROBE	17
6.1	This function is present on FRYTOP(8-FT-BRF) + BRAISING PAN(8-FT-BRF) + CONTACT GRILL(9-CWK).....	17
7	COLD WATER LOADING	18
7.1	This function is present on BAIN-MARIE(5-BM) + TILTING BRAISING PAN(11-BRM) + PAN(12-PIA)	18
8	HOT WATER LOADING	19
8.1	This function is present on PAN(12-PIA)	19
9	CENTRAL AND EXTERNAL RESISTOR	20
9.1	This function is present on the CERAMIC COOKING HOB(1-PCC)	20
10	MELTING	21
10.1	This function is present on FRYERS (10-FR).....	21
11	ENERGY OPTIMISATION SYSTEM	23
11.1	Green leaf - ECO function.....	23
12	WARNING/ERROR MESSAGES	24
12.1	WARNING/ERROR ICON:	24

1 KEY/LOGO OFF

1.1 The function is present on all models

The appliance can be switched off at any time by pressing for 0.1 seconds (for confirmation) and then for 3 seconds, at the end of which the cooking centre will be switched off. With a single 1-second beep, the display switches to DISPLAY STANDBY.

Behaviour: after pressing for 0.1 seconds (for confirmation), there will be a transitional graphical "DISPLAY shutdown phase" when the working environment will disappear, the background will be all grey, the "off" button will remain in the bottom left corner (where the pressure is maintained), and in the centre there will be "animation ON" in reverse.

IMPORTANT: if the shutdown phase is not completed, the display returns to the previous work environment.

The 2 images below represent the transition from the work environment to "DISPLAY shutdown phase" with the pressing of logo off immediately after the 0.1 second press, with the first animation then continuing in reverse for a further 3 seconds

- cpa 15 work environment



- DISPLAY shutdown phase



MEMORISATION NOTE

The following function settings remain:


- TIMER
- CORE PROBE
- VACUUM PROBE
- MELTING

2 TIMER

2.1 The function is present on all models

When accessing the menu, the lower icon (the one pressed) flashes on/off (2 on and 2 off in 1 second). You can click on the flashing icon for 0.1 seconds to quit the menu (you will hear a single beep). When accessing the menu, all the other menu icons change to blurred (the blurred animations are not available; the reference icon is displayed).

In any case, after 30 seconds without pressure, the control quits the menu automatically, setting the values in that moment.


When the cooking centre is switched on, the default setting is 'timer off' . No timers are visible on the display, even if some have been set and stored, as they are not reset when the control is switched off.

When a timer is counting down, the "TIMER OFF" icon  changes to "TIMER ON" .

When all the timers are stationary, the "TIMER ON" icon  changes to "TIMER OFF" .

VISUALISATION OF 4 TIMERS ON THE 7-CPA PASTA COOKER




- **ON THE WORK SCREEN (OUTSIDE THE MENU):**

ACTION 1: when the 'timer off' icon  is pressed for 0.1 seconds, any set timers are displayed in the central space. A further press for 0.1 seconds hides the timers (which remain set and stored). If there are timers counting down in that moment, they remain visible while counting (i.e. only those set but not currently counting are hidden)

The 2 pictures below represent action 1 (ignore other symbols/functions not relating to the timer)



ACTION 2: a press for 0.1 seconds on a set but stationary timer - white - "mini play timer"  starts the timer countdown and the "mini play timer" icon  changes to "mini stop timer" . The 2 dots flash, the text colour changes to green, and a single beep is heard




ACTION 3: a press for 0.1 seconds on a counting timer - green - "mini stop timer"  stops the timer, which returns to the initial stationary setting - white. The "mini stop timer" icon  changes to "mini play timer" , and a single beep is heard

The picture below represents actions 2 and 3 (ignore other symbols/functions not relating to the timer)

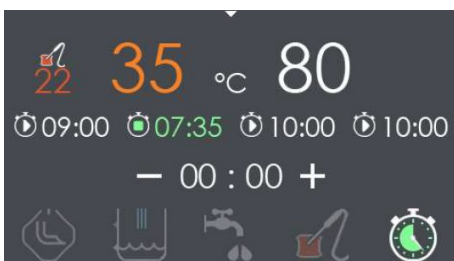




• **ON THE MENU SCREEN:**

ACTION 1: After pressing for 2 seconds without release, the menu is automatically accessed. Regardless of whether "timer off" or "timer on", the TIMER MENU opens along with a single beep. Inside the menu we find the "-" and "+" buttons in the centre for the "00:00" setting, with 2 or 4 timers in a row above (4 in the 7-CPA automatic pasta cooker). Some or all of them may be:

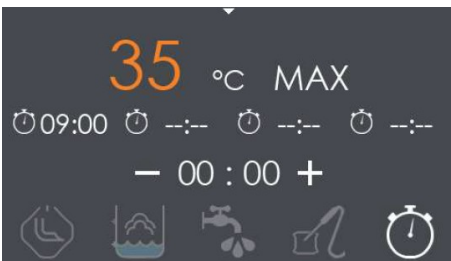
- not set, with the mini timer icon  "--:--" in front
- set but not in countdown, with the mini timer icon  "10:00" in front
- set and in countdown, with the mini timer icon  "09:35" in front

The 2 pictures below represent possible opening menus as per action 1



ACTION 2: When you click on a settable timer  "--:--", it will be highlighted with a lighter lower box, and the minute pair of the setting "00: 00" will flash. To switch from minutes to seconds, just click on the complete setting "00: 00" and the minutes and seconds will flash alternately. To assign a setting to that timer, click again on the timer with the highlighter box. The timer will be set  "09:00" and the highlighter box will disappear (until the next timer is selected)

The 2 pictures below represent action 2



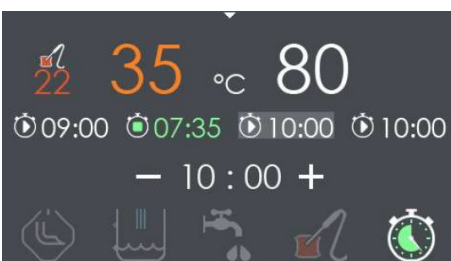
ACTION 3: When you click on a set timer "🕒 10:00", it will be highlighted with a lighter lower box and the minute pair of the setting "10 : 00" will flash. Click on the highlighted timer to assign the setting. If it has not been changed, the same value will be maintained



Caution

In the menu, it is not possible to click (with a single press) on a timer that is counting, to change it

The 2 pictures below represent actions 2 and 3 (ignore other symbols/functions not relating to the timer)




ACTION 4: When a timer either set "🕒 10:00" or counting "🕒 09:35" is pressed for more than 2 seconds, it is reset and becomes settable "🕒 --:--", and a single beep is heard


ACTION 5: When the lower menu icon is pressed for more than 2 seconds, regardless of whether "timer on" or "timer off" all the timers are reset and disappear. The menu automatically closes, along with a single beep. (they all become

timers to be set, and will appear as --:-- in the menu)

The picture below represents action 4 (ignore other symbols/functions not relating to the timer)



AT THE END OF COUNTDOWN, an on/off beep starts and the whole timer flashes green with the setting value and with the "stop timer" icon in front:  10:00

Pressing the timer stops the beeping and flashing. The timer returns to the initial setting - in white - with the "play timer" icon in front:  10:00

With no pressing, after 10 seconds only the beeping stops



Warning

If the setting is not changed and remains (or is reset) at "00:00", that timer remains deactivated --:--

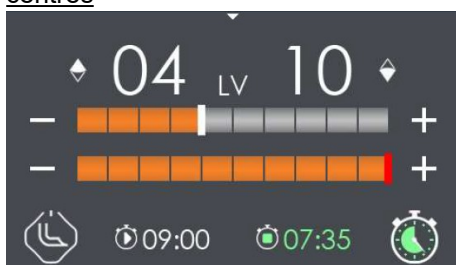
The timers have a fixed place on the display, and can each be individually set with yes or no.

Timers that have not been set do not appear on the work display

VISUALISATION OF 2 TIMERS ON OTHER COOKING CENTRES

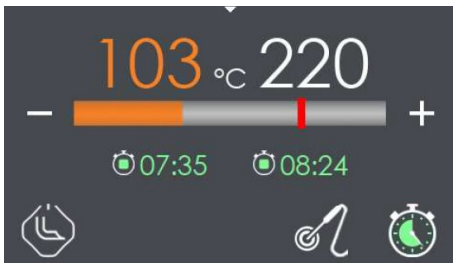
- **ON THE 2-BAR WORK SCREEN (both POWER and THERMOSTATIC) 1-PCC / 2-PCI / 3-TPI / 13-TPK (OUT OF MENU):**

The picture below shows the position of the 2 timers in the work display of the above-mentioned cooking centres



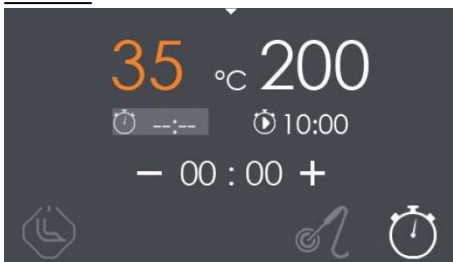
- **ON THE WORK SCREEN WITH 1 POWER BAR 4-PCIW / 5-BM / 6-BS / 8-FT-BRF / 9-CWK / 10-FR / 11-BRM / 12-PIA (OUT OF MENU):**

The picture below shows the position of the 2 timers in the work display of the above-mentioned cooking centres



- **ON THE MENU SCREEN OF ALL COOKING CENTRES EXCEPT 7-CPA:**

The picture below shows the position of the 2 timers in the timer menu of the above-mentioned cooking centres



3 PASTA COOKER OR STEAM

3.1 The function is present on AUTOMATIC CP(7-CPA)



PASTA COOKER:

The default function. The "pasta cooker" icon and alternative to steam (RELAY 3), which sets the water level on the upper electrode, represents the working state with the water level reached to boil the product in water. When the water falls below the upper electrode, the control unit starts up the fast loading solenoid valve (EV1); as it works in parallel with a relay connected to INPUT 2, when it closes the "pasta cooker" icon is replaced by the "pasta cooker animation": a series of 4 icons within 1 second. The animation, lasting a total of 1 second, is repeated until INPUT 2 opens again.

Picture (pasta cooker animation 1 / 2 / 3 / 4)



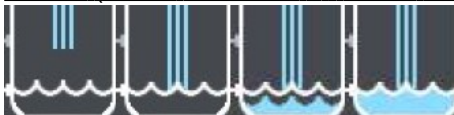
STEAM:

"Steam" icon. Alternative function to pasta cooker (RELAY 3), which sets the water level on the lower electrode, represents the working state with the water level reached for steaming the product.

When the water falls below the lower electrode, the control unit starts up the fast loading solenoid valve (EV1); as it works in parallel with a relay connected to INPUT 2, when it closes the "steam" icon is replaced by the "steam animation":

a series of 4 icons within 1 second. The animation, lasting a total of 1 second, is repeated until INPUT 2 opens again.

Picture (steam animation 1 / steam animation 2 / steam animation 3 / steam animation 4)





ACTIONS: You can switch between the 2 functions by pressing for 0.1 seconds at any time. A single beep will be heard

4 SLOW WATER LOADING

4.1 The function is present on AUTOMATIC CP(7-CPA)

When accessing the menu, the lower icon (the one pressed) flashes on/off (2 on and 2 off in 1 second). It is POSSIBLE to click on the flashing icon for 0.1 seconds to quit the menu (confirmation with a single beep). The icon with which you logged in will then remain. When accessing the menu, all the other menu icons change to blurred (the blurred animations are not available; the reference icon is displayed). In any case, after 30 seconds without pressure, the control quits the menu automatically, setting the values in that moment.

When activating the cooking centre, the default setting is "slow loading speed3 off" , but this function is then sub-divided into 3 speeds, each in the OFF or ON state:

"slow loading speed1 off"  and "slow loading speed1 on" 
activates the slow loading solenoid valve for 36/60 (60%)

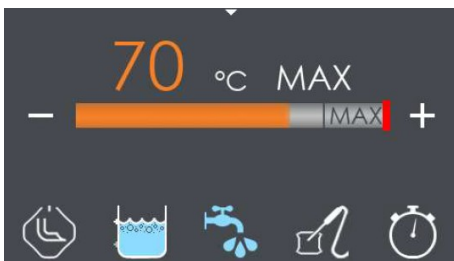
"slow loading speed2 off"  and "slow loading speed2 on" 
activates the slow loading solenoid valve for 48/60 (80%)

"slow loading speed3 off"  and "slow loading speed3 on" 
activates the slow loading solenoid valve for 60/60 (100%)

- **ON THE WORK SCREEN (OUTSIDE THE MENU):**

ACTION 1: Press for 0.1 seconds to activate the function on the display from "OFF" to "ON". A press of 0.1 seconds switches from "ON" to "OFF" (opens and closes RELAY 2) and a single beep is heard

The 2 pictures below represent action 1 (ignore other symbols/functions not relating to slow loading)



- **ON THE MENU SCREEN:**

ACTION 1: When pressed for 2 seconds (without releasing), the menu is automatically accessed. Regardless of the icon, the speed and whether ON or OFF, the TIMER MENU opens and a single beep is heard (If an active ON speed is pressed and held, the icon will flash blue as it is active, so even within the

menu the function continues and RELAY2 remains closed). Inside the menu we can see the 3 icons of the 3 speeds (only blue "ON")

The 2 pictures below represent action 1 (ignore other symbols/functions not relating to slow loading)



ACTION 2: Pressing any of the 3 speed icons for 0.1 seconds automatically closes the menu and triggers a single beep. The speed is activated by showing it on the display in the lower menu

5 VACUUM CORE PROBE

5.1 The function is present on AUTOMATIC CP(7-CPA)

When accessing the menu, the lower icon (the one pressed) flashes on/off (2 on and 2 off in 1 second). You can click on the flashing icon for 0.1 seconds to quit the menu (confirmation with a single beep).

When accessing the menu, all the other menu icons change to blurred (the blurred animations are not available; the reference icon is displayed). In any case, after 30 seconds without any press, the control quits the menu automatically, setting the values at that time



Warning

THE FUNCTION CAN BE USED, AND THE ICON THEN APPEARS (BUT ONLY AFTER 5 SECONDS, to allow the temperature to settle), IF THE FOLLOWING 2 FACTORS ARE PRESENT:

- 1 - the "vacuum probe off" icon only appears on the display if there is a valid machine setting other than "- -"; at the same time, the probe inserted in the jack must be present, as in the following point
- 2 - The core probe will have a jack-type connector, and will be attached and detached according to the work. The function can be used and the "vacuum probe off" icon appears on the display only if the probe is physically present on PROBE INPUT 2. At the same time, there must be a valid setting, as in the previous point. If the probe is detached from the jack connector, the function is deactivated and the icon disappears from the display

Example: when the cooking centre is activated, if the probe is already connected you will not see the


"vacuum probe off" icon  as the setting is still "- -"



SETTING LIMITS AND RULES



1. THE MINIMUM PERMITTED SETTING CANNOT BE LOWER THAN THE REAL TEMPERATURE READ BY THE PROBE
2. THE MAXIMUM SETTING THAT CAN BE MADE IS 90°C
3. BY APPLYING A VACUUM PROBE SETTING HIGHER THAN THE MACHINE SETTING, THE LATTER ADJUSTS SO IT IS THE SAME AS THE VACUUM PROBE SETTING. IF THE VACUUM PROBE SETTING IS BETWEEN 80°C AND 90°C, THE MACHINE SETTING ADJUSTS TO "MAX"
4. IF THE VACUUM PROBE SETTING IS LOWER THAN THE MACHINE SETTING, THE LATTER REMAINS UNCHANGED
5. WITH THE PROBE ACTIVE WITH A VALID SETTING, THE MACHINE SETTING CANNOT BE REDUCED TO LESS THAN THE VACUUM PROBE SETTING

• **ON THE WORK SCREEN (OUTSIDE THE MENU):**

ACTION 1: Pressing the "vacuum probe off" icon  for 0.1 seconds activates the function. The temperature value read by the probe is shown on the display, on the top left of the screen below the "vacuum

probe on mini" icon . The temperature SETTING or HOLD is displayed if set. The "vacuum probe off"

icon  changes to "vacuum probe on". , together with a single beep. Another press of 0.1 seconds switches the function off and hides the values (which remain set and stored however), and the "vacuum




probe on" icon  changes to "vacuum probe off"  together with a single beep

The 2 pictures below represent action 1 (ignore other symbols/functions not relating to the probe)



• **ON THE MENU SCREEN:**

ACTION 1: After pressing for 2 seconds (without releasing), the menu is automatically accessed. Regardless of whether "vacuum probe off" or "vacuum probe on", the VACUUM CORE PROBE MENU opens, together with a single beep. Inside the menu we can find:

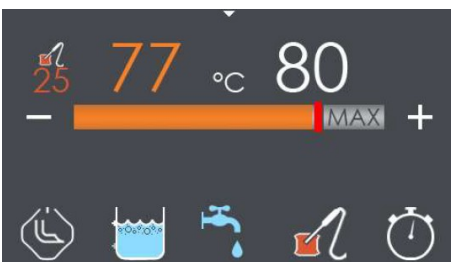
- 6. on the left, the "vacuum probe on mini" icon  with the real temperature read by the probe underneath
- 7. in the middle, the "-" and "+" keys for the SETTING, which can be:
 - ready to be set, and thus with the value "- -"
 - already set, if the value has never been reset
- 8. on the right, the "HOLD" key, which can be:
 - 9. in the off state with the "HOLD OFF" icon 
 - 10. already set (if set in the last machine cycle) and therefore the "HOLD ON" icon 

The 2 pictures below represent action 1 (ignore other symbols/functions not relating to the probe)



ACTION 2: if no setting is applied, when you quit the menu the function will in any case be activated with the real temperature reading on the display

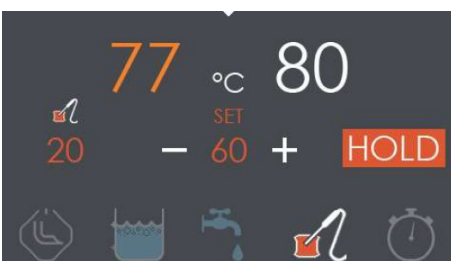
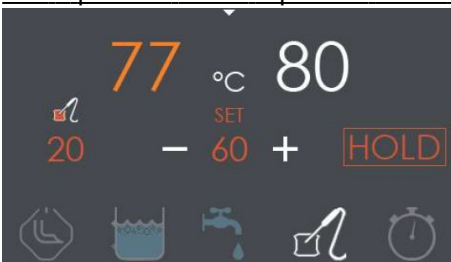
The 2 pictures below represent action 2 (ignore other symbols/functions not relating to the probe). On the right, picture cpa06 out of the menu



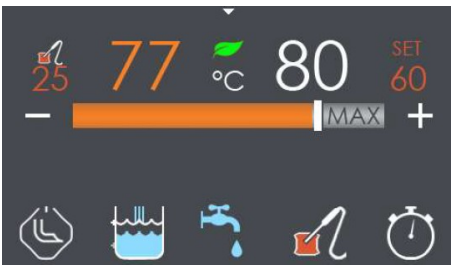
ACTION 3: In the menu, you can also set the HOLD function, which is only activated if there is also a SETTING applied. If the "HOLD OFF" icon **HOLD** is pressed for 0.1 seconds, it is activated and changes to "HOLD ON" **HOLD**

- With HOLD deactivated, SETTING appears on the display with the set value underneath
- With HOLD active, HOLD appears on the display with the set value underneath

The 2 pictures below represent action 3 (ignore other symbols/functions not relating to the probe)



The 2 pictures below are out of the menu of the top 2 (ignore other symbols/functions not relating to the probe)



ACTION 4: When the lower menu icon is pressed for more than 2 seconds (regardless of whether "vacuum probe off" or "vacuum probe on"), the SET/HOLD settings are made again. The menu automatically closes, deactivating the function, together with a single beep. (when accessing the menu you will find the SETTING to be made "- -", and then "HOLD OFF")

The picture below represents action 4 (ignore other symbols/functions not relating to the probe)



WHEN THE SET TEMPERATURE IS REACHED, an on/off beep starts up and the lower menu icon starts flashing. After 10 seconds without any press, only the beep stops (the flashing continues). Press the flashing probe symbol in the lower menu to stop both the beep and the flashing. The probe is deactivated and returns to the "off" state

The picture below represents the reaching of the set temperature with the HOLD function active. The machine setting automatically adjusts to the HOLD setting (vacuum probe menu icon flashing)






The picture below represents the reaching of the set temperature with the HOLD function deactivated. The machine setting remains as defined by the operator (vacuum probe menu icon flashing)



6 CORE PROBE

6.1 This function is present on FRYTOP(8-FT-BRF) + BRAISING PAN(8-FT-BRF) + CONTACT GRILL(9-CWK)

This function works exactly like the vacuum core probe, but with different icons:

Core probe OFF , core probe ON , core probe MINI 

SETTING LIMITS for FRYTOP(8-FT-BRF) + BRAISING PAN(8-FT-BRF):


- THE MINIMUM SETTING CANNOT BE LOWER THAN THE REAL TEMPERATURE READ BY THE PROBE
- THE MAXIMUM PERMITTED SETTING IS 99°C
- WHEN THE PROBE IS ACTIVE, THE MACHINE SETTING CANNOT BE LESS THAN THE CORE PROBE SETTING

ON THE CONTACT GRILL COOKING CENTRE (9-CWK):

- THE MINIMUM SETTING CANNOT BE LOWER THAN THE REAL TEMPERATURE READ BY THE PROBE
- THE MAXIMUM PERMITTED SETTING IS 99°C
- THIS COOKING CENTRE IS NOT TEMPERATURE-CONTROLLED, SO THE MACHINE SETTING IS NOT CONDITIONED BY THE PROBE SETTING

7 COLD WATER LOADING

7.1 This function is present on BAIN-MARIE(5-BM) + TILTING BRAISING PAN(11-BRM) + PAN(12-PIA)

When the cooking centre is activated, the default setting is "cold water loading off" 

When pressed for 0.1 seconds, the function is activated and the icon changes to "cold water loading on"




together with a single beep. With another 0.1 second press, it switches from "ON" to "OFF" together with a single beep


- opens and closes OUTPUT 2 on BAIN-MARIE(5-BM)

- opens and closes RELAY 3 on TILTING BRAISING PAN(11-BRM) + PAN(12-PIA)

8 HOT WATER LOADING

8.1 This function is present on PAN(12-PIA)

When the cooking centre is activated, the default setting is "hot water loading off" 

When pressed for 0.1 seconds, the function is activated and the icon changes to "hot water on"  together with a single beep. With another 0.1 second press, it switches from "ON" to "OFF" together with a single beep. Opens and closes RELAY 2 on (12-PIA)

9 CENTRAL AND EXTERNAL RESISTOR

9.1 This function is present on the CERAMIC COOKING HOB(1-PCC)

- **CENTRAL AND EXTERNAL RESISTOR:** 

This is the default function. The "central and external resistor" icon, in contrast with "central" and "external", means that the resistive load of both the central and external resistors is activated.

- UPPER ZONE: When a power level is set, the control will activate heating according to the parameters of that power level, by closing RELAY 1 and OUTPUT 1
- LOWER ZONE: When a power level is set, the control will activate heating according to the parameters of that power level, by closing RELAY 2 and OUTPUT 2

- **CENTRAL RESISTOR:** 

The "central resistor" icon, in contrast with "central and external" and "external", means that only the resistive load of the central resistor is activated.

- UPPER ZONE: When a power level is set, the control will activate heating according to the parameters of that power level, by closing RELAY 1
- LOWER ZONE: When a power level is set, the control will activate heating according to the parameters of that power level, by closing RELAY 2

- **EXTERNAL RESISTOR:** 

The "external resistor" icon, in contrast with "central" and "central and external", means that only the resistive load of the external resistor is activated.

- UPPER ZONE: When a power level is set, the control will activate heating according to the parameters of that power level, by closing OUTPUT 1
- LOWER ZONE: When a power level is set, the control will activate heating according to the parameters of that power level, by closing OUTPUT 2

ACTIONS: You can switch between the 3 functions with a 0.1 second press at any time in the following

sequence  , together with a single beep

10 MELTING


10.1 This function is present on FRYERS (10-FR)

When the cooking centre is activated, "melting off" is set by default 



Caution

IL MELTING e' utilizzabile su prodotti per friggere in stato denso e non congelati, e per primo melting anche in appoggio sopra il supporto cesto

When pressed for 0.1 seconds, the function is activated and the icon changes to "melting on" , together with a single beep. With another 0.1 second press, it switches from "ON" to "OFF" together with a single beep. When quitting the function before the cycle-end temperature has been reached, it returns to the state prior to activation, with no change to the machine setting.

The Melting function is characterised by an ON and OFF time of the resistor as follows:

- **From 00:00 to 89:59 minutes "ON 1 sec - OFF 119 sec", 45 cycles of 2 MINUTES**
- **From 90:00 to SET MELTING "ON 3 sec - OFF 57 sec", 1-minute cycles**

and by a temperature setting that can be adjusted from minimum 70°C up to maximum 90°C. The default is 80°C but the user-modified setting is memorised and saved, **THE FUNCTION CAN BE USED, THEN THE ICON APPEARS, IF THE REAL TEMPERATURE IS LOWER THAN THE TEMPERATURE SET/STORED IN THE MELTING CYCLE**

Example: with melting set at 85°C, the function can be activated up to a real temperature of 84°C

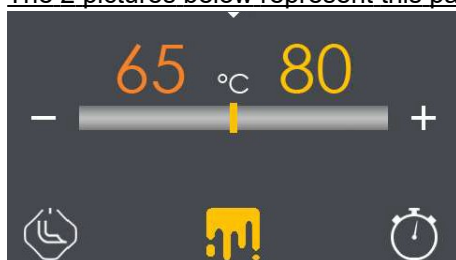


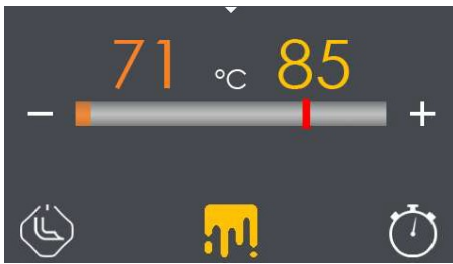
Note

AT THE END OF THE MELTING CYCLE, THE ICON CONTINUES FLASHING (see following paragraphs). ONLY AFTER THE FLASHING ICON HAS BEEN PRESSED (SO THE MELTING CYCLE HAS FINISHED), THE "MELTING OFF" ICON DOES NOT APPEAR AS THE REAL TEMPERATURE WILL INEVITABLY BE EITHER EQUAL TO OR HIGHER THAN THE MELTING SETTING


When the function is activated, regardless of whether a temperature has already been set, the set value disappears and the value of the melting cycle appears in yellow. The cursor is positioned in proportion to the bar, and turns yellow. The bar is therefore an adjustment bar (for a total of 20°C), everything to the left will be set at 70°C, everything to the right will be set at 90°C - obviously adjustable with the cursor and the + and - keys. As a setting is between 70°C and 90°C, the real temperature will be visualised when it is 70°C or above. The cursor changes from yellow to red every 30 seconds as a specific feature (mentioned above) of the melting cycle.

The 2 pictures below represent this particular visualisation

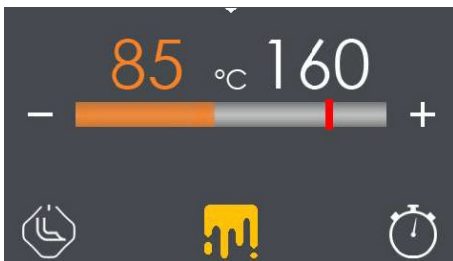




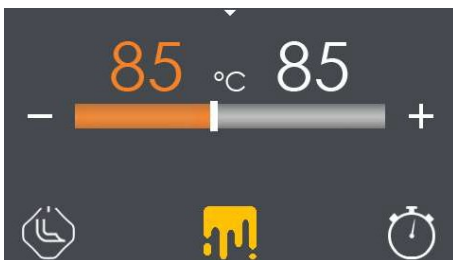
- **WHEN THE SET TEMPERATURE IS REACHED:**

- 1 - an acoustic on/off signal starts up, along with the flashing of the lower "melting on" icon 
- 2 - the set temperature for melting (yellow) disappears and is replaced by the previously set temperature (white), and the cursor changes from yellow back to white/red. The bar is again on a scale of 190°C, visualising the respective setting and real value
- 3 - if there was already a higher set temperature before melting was activated, the machine setting returns to that temperature
- 4 - if there was already a lower set temperature (or no set temperature) before melting was activated, the machine setting automatically adjusts to melting temperature just reached
- 5 - the resistor on/off every 30 seconds is interrupted, returning to classic operation

After 10 seconds without any press, only the beep stops (the flashing continues). Pressing the melting symbol stops both the acoustic signal and the flashing, and deactivates the function (returning to the off state). The picture below represents the reaching of the set melting temperature of 85°C with a previously set temperature of 160°C (i.e. higher).



The picture below represents the reaching of the set melting temperature of 85°C either without having first set a temperature, or with a temperature that was lower than the melting value of 85°C




11 ENERGY OPTIMISATION SYSTEM

11.1 Green leaf - ECO function



Note

Optimising means maximising the efficiency and output of an appliance, system or entire process, trying to achieve the best possible results with the resources available. The same term, used in the context of energy efficiency, denotes measures and strategies useful for maximising the efficient use of energy whilst at the same time cutting consumption and the associated costs

This working status is identified by the appearance of the green leaf icon  above the measurement unit. It is activated when INPUT 4 (normally closed by default with a jumper) is opened





When this situation occurs, any resistive element must be blocked, so all outputs supplying the cooking resistors must be set at "0" (always off). Nothing else must change: the timers, functions, settings, etc. are kept the same.

And any errors or messages that might arise with the state of non-heating are suspended.

12 WARNING/ERROR MESSAGES

12.1 WARNING/ERROR ICON:

A message that appears on the display may be one of 2 types, identified by the WARNING icon  or the SAFETY icon .

AV01/AV02/AV03/ER04 can be deactivated by setting the "time" at "0".



The yellow icon indicates attention/assistance WARNINGS to HELP the operator avoid errors or more serious problems that prevent the machine from working. They are resolved on the display, and without the need to restart the machine

List of WARNING messages:

ERROR "av01"

PUTS HEATING TEMPORARILY ON HOLD

- Active on: TEMPERATURE-CONTROLLED PRODUCTS
- "Temperature drop" message warns of an abnormal drop in the real temperature, with a possible short circuit in probe 1
- Occurs if the descent delta of the working temperature measured over 2 seconds (parameter) exceeds 40 degrees (parameter).
- Acts by pausing heating and temporarily switching some functions to "Off" (see the individual cooking centres). It also prevents other settings except LANGUAGE + OFF, **together with an intermittent acoustic signal** and the flashing of the warning triangle
- THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the warning triangle
- THE MESSAGE RESETS ITSELF AND DISAPPEARS. RESET BY CLICKING ON "OK" to restart heating. The functions temporarily deactivated will be reactivated. (the measuring of the descent DELTA begins again)
- THE MESSAGE RESETS ITSELF WHEN ERRORS OCCUR
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



ERROR "av02"

PUTS HEATING TEMPORARILY ON HOLD

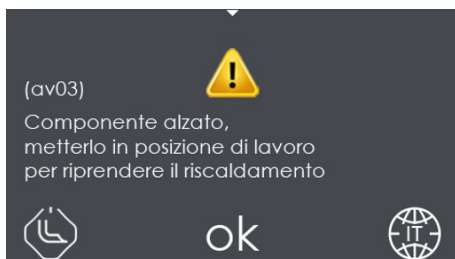
- Active on: AUTOMATIC PASTA COOKER + BAIN-MARIE + FRYERS
- (products under evaluation, but in any case the seconds parameter at 0 deactivates the warning)
- "Abnormal heating" message that attempts to save the tank and components from overheating.
- Occurs if the ascent delta of the working temperature measured over 5 seconds (parameter) exceeds 5 degrees (parameter)
- Acts by pausing heating and temporarily switching some functions to "Off" (see the individual cooking centres). It also prevents other settings except LANGUAGE + OFF, **together with an intermittent acoustic signal** and the flashing of the warning triangle
- THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the warning triangle
- THE MESSAGE RESETS ITSELF AND DISAPPEARS. RESET BY CLICKING ON "OK" to restart heating. The functions temporarily deactivated will be reactivated. (the measuring of the ascent DELTA begins again)
- THE MESSAGE RESETS ITSELF WHEN ERRORS OCCUR
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



ERROR "av03"

DOES NOT INTERVENE IN THE FUNCTIONS THAT ARE CURRENTLY ACTIVE

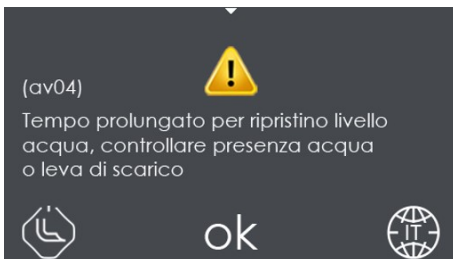
- Active on: FRYERS + CONTACT GRILLS + TILTING BRAISING PANS
 - "Component raised" message warning that the resistive element/tank is not in the working position
 - Occurs 30 seconds (parameter) after the opening of **INPUT 2** (microswitch).
 - Acts by preventing settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the warning triangle
 - THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the warning triangle
 - THE MESSAGE DISAPPEARS BY CLICKING ON OK, but starts the 30-second countdown again. If **INPUT 2** remains open during this time, the message reappears at the end of the 30 seconds
 - THE MESSAGE RESETS ITSELF AND DISAPPEARS. REACTIVATES AFTER THE CLOSURE OF **INPUT 2**
 - THE MESSAGE RESETS ITSELF WHEN ERRORS OCCUR
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



ERROR "av04"

PUTS HEATING TEMPORARILY ON HOLD

- Active on: AUTOMATIC PASTA COOKER
- "Loading pre-alarm" message warning that it is attempting to reach the minimum safe water level (lower electrode), but does not seem to be working
- The message cannot be displayed at the time when the cooking centre is activated, but only after heating consent has been activated at least once, closing **INPUT 3**
- Occurs when the heating consent fails, opening **INPUT 3**. At the same time, solenoid valve EV1 is activated and **INPUT 2** closed
- Acts by preventing settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the warning triangle
- THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the warning triangle
- THE MESSAGE RESETS ITSELF AND DISAPPEARS BY CLICKING ON OK
- THE MESSAGE REACTIVATES AFTER THE CLOSURE OF **INPUT 3**
- THE MESSAGE RESETS ITSELF WHEN ERRORS OCCUR
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



ERROR "av05"

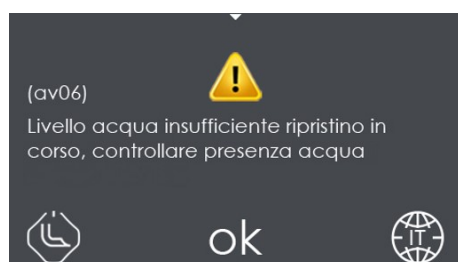
- Active on products WITH 3-POLE JACK SOCKET: AUTOMATIC PASTA COOKER, FRYTOP/FIXED BRAISING PANS, CONTACT GRILL, PANS
 - "Faulty component" message warning that the inserted probe has no reading or has an out-of-range reading.
 - Occurs when the probe is plugged into the jack on the dashboard **PROBE 2**. As the jack has 3 poles, 2 of them recognise the physical presence of the probe and with the third pole it is possible to identify the faulty component
 - Acts by preventing settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the warning triangle
 - THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the warning triangle
 - THE MESSAGE RESETS ITSELF AND DISAPPEARS BY CLICKING ON OK
 - if the probe is still inserted, it will not be possible to use it
 - THE MESSAGE IS REACTIVATED WHEN THE PROBE IS REMOVED FROM THE JACK
 - THE MESSAGE RESETS ITSELF WHEN ERRORS OCCUR
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



ERROR "av06"

PUTS HEATING TEMPORARILY ON HOLD

- Active on: PAN
- "Loading pre-alarm" message warning that it is attempting to reach the minimum safe water level (lower electrode), but does not seem to be working
- Occurs when there is no heating consent for 5 consecutive seconds - **INPUT 3** open. (also on first machine start-up)
- Acts by preventing settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the warning triangle
- THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the warning triangle
- THE MESSAGE RESETS ITSELF AND DISAPPEARS BY CLICKING ON OK
- THE MESSAGE REACTIVATES AFTER THE CLOSURE OF **INPUT 3**
- THE MESSAGE RESETS ITSELF WHEN ERRORS OCCUR
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



ERROR "av07"

- Active on: ALL MODELS WITH MORE THAN ONE DISPLAY
 - "Display detection failure" message warning that the remote/wifi board (which has been set up with a model that has more than one display) cannot find address 2 or 3 or 4
 - Occurs as soon as the cooking centre is activated if the condition above is not met
 - Acts by preventing settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the warning triangle
 - THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the warning triangle
 - THE MESSAGE RESETS ITSELF AND DISAPPEARS BY CLICKING ON OK
 - THE MESSAGE RESETS ITSELF WHEN ERRORS OCCUR
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED

ERROR "av08"

PUTS HEATING TEMPORARILY ON HOLD

- Active on: ALL PRODUCTS
 - "Display cooling failure" message warning that the temperature of the mother board is rising too high. The fans may not be working, or the airflow may be obstructed or impeded
 - Occurs when the NTC detects a board temperature of 60 degrees
 - Acts by preventing settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the warning triangle.
 - THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the warning triangle
 - THE MESSAGE RESETS ITSELF AND DISAPPEARS BY CLICKING ON OK
 - THE MESSAGE REACTIVATES IF THE NTC TEMPERATURE FALLS BELOW 58 DEGREES
 - THE MESSAGE RESETS ITSELF WHEN ERRORS OCCUR
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



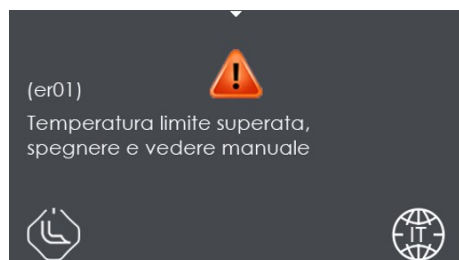
The red icon indicates malfunction and safety ERRORS. To resolve them, read the MANUAL or contact SERVICE as they require the machine to be restarted

List of SAFETY messages:

ERROR "er01"

ALL FUNCTIONS OFF

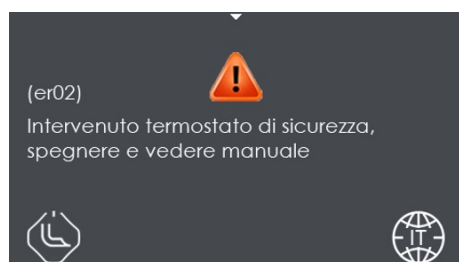
- Active on: TEMPERATURE-CONTROLLED PRODUCTS
 - Message warning that the "limit temperature" has been exceeded
 - Occurs when the real temperature reading (MEASURED, NOT CONVERTED ON THE DISPLAY) is higher than the limit temperature for the appliance (see the individual cooking centre)
 - Acts by disabling and preventing all settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the error triangle
 - THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the error triangle
 - THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED
- THE MESSAGE RESETS ITSELF WHEN ERROR "er02" OR "er03" OCCURS



ERROR "er02"

ALL FUNCTIONS OFF

- Active on: PRODUCTS WITH A SAFETY THERMOSTAT
- Message warning that the mechanical safety thermostat has been triggered
- The message is activated 1 second after the activation of the cooking centre
- Occurs when the safety thermostat intervenes, blocking heating. The control notes its intervention and opens **INPUT 1** (currently always INP1)
- Acts by disabling and preventing all settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the error triangle
- THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the error triangle
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



ERROR "er03"

ALL FUNCTIONS OFF

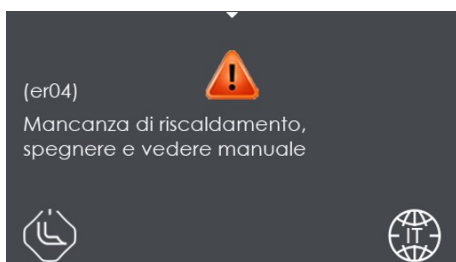
- Active on: AUTOMATIC PASTA COOKER
- "Automatic control unit malfunction" message
- Occurs when there is no heating consent for 5 consecutive seconds, **INPUT 3** is open, and at the same time the solenoid valve EV1 is deactivated. **INPUT 2** open
- Acts by disabling and preventing all settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the error triangle
- THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the error triangle
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



ERROR "er04"

ALL FUNCTIONS OFF

- Active on: TEMPERATURE-CONTROLLED PRODUCTS
- Only active at temperatures below the machine SETTING minus 10% of that setting
- e.g. if the SETTING is 90°C, the "er04" check is active ONLY between 0°C and 81°C.
- For the 7-CPA pasta cooker, "MAX" setting for the purpose of the "er04" check should be considered as a SETTING of 90°C
- "Heating malfunction" message
- Occurs when the following 2 cases occur 3 times in a row:
 - With the resistor always active, after 120 seconds (parameter) the temperature ascent delta is negative
 - With the resistor always active, after 120 seconds (parameter) the temperature ascent delta is positive but less than 2 degrees (parameter)
- ATTENTION: the switch from any negative delta to any positive delta, or vice versa, resets the "3 consecutive cases" count
- ATTENTION: if the degree delta is satisfied in the positive reading, this resets the "3 consecutive cases" count.
- ATTENTION: the MAX setting, when present, corresponds to a dummy setting of 90°C
- Acts by disabling and preventing all settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the error triangle.
- THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the error triangle
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



ERROR "er05"

ALL FUNCTIONS OFF

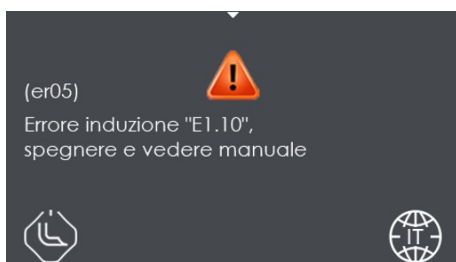
- Active on: PRODUCTS WITH INDUCTION TECHNOLOGY
- Message warning of an error in the induction circuit
- Occurs when the induction BRIDGE communicates an error to the mother board via the RS485 protocol, or when there is no communication between the mother board and the BRIDGE. In both cases, the error must be present and constant for at least 3 seconds
- Acts by disabling and preventing all settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the error triangle
- THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the error triangle

THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED



Caution

If there is no communication, the error indicated will be "E0.00". If there is communication and the BRIDGE communicates an error, the code in the text string will change accordingly: (E1.1 / E1.2 / E1.3E2.1 / E2.2 / E2.3 E3.1 / E3.2 / E3.3 E4.1 / E4.2 ...)



ERROR "er06"

ALL FUNCTIONS OFF

- Active on: PAN
- "Automatic control unit malfunction" message
- Occurs when there is no heating consent for 300 consecutive seconds. **INPUT 3** open
- Acts by disabling and preventing all settings except LANGUAGE + OFF, together with an **intermittent acoustic signal** and the flashing of the error triangle
- THE FIRST ACTION NEEDED IS TO PRESS ANY POINT ON THE SCREEN to deactivate the acoustic signal and the flashing of the error triangle
- THE MESSAGE RESETS ITSELF WHEN THE OFF/ON CONTROL IS RESTARTED

