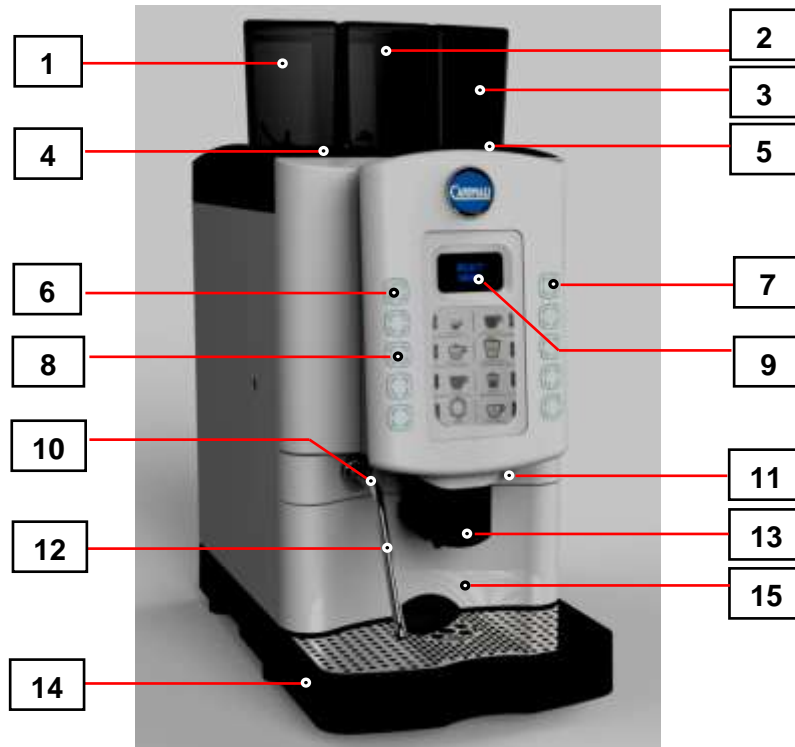




MACHINE DESCRIPTION



LEGEND

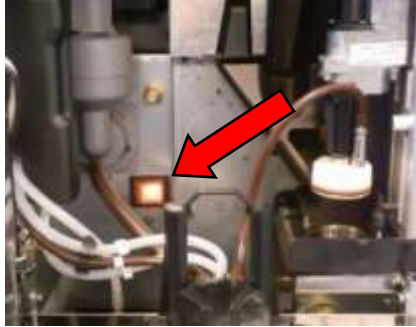
- 1 PRODUCT CANISTER
- 2 PRODUCT CANISTER / COFFEE HOPPER
- 3 COFFEE HOPPER
- 4 CARD READER
- 5 DECAFFEINATED DOOR
- 6 SHIFT BUTTON
- 7 INFO BUTTON
- 8 DOSE BUTTON
- 9 DISPLAY
- 10 RUBBER PROTECTION
- 11 DOOR LOCK
- 12 STEAM WAND
- 13 ADJUSTABLE DELIVERY OUTLETS
- 14 DRIP TRAY
- 15 GROUNDS BIN

Only for US market (ETL Sanitation): The equipment shall be installed with backflow protection to comply with applicable federal, state and local codes.

STARTING UP

After checking that the ground bin and the drip tray are inserted, power ON the machine by means of the main switch inside the machine and then close the front door. (pic. A)
keep key SHIFT pressed and then press key INFO, (pic. B) and the machine will set itself to ON state.

A) Power on the machine by means the main switch
Inside the machine .



Pic. A

Keep key SHIFT pressed and then press key INFO,



FOR SELF CONFIGURATION

To switch ON the machine : keep key SHIFT pressed and then press key INFO, afterwards insert the waiter password (61111).

To switch OFF the machine: Open the front door.

When the boiler temperature of 50°C (122°F) is reached, the machine carries out a group rinsing. The display shows:

G.AUTO CLEANING

When the set-up temperature is reached, the keypad lights are ON and the display shows (machine configuration Standard or Self):

SELECT DRINK



FILL IN BEAN HOPPER AND CANISTER

Fill in the required amount for daily consumption in order to keep coffee and product always fresh.



DISPLAY THE AVAILABLE DRINKS SELECTION AND BOILERS TEMPERATURE

Press the INFO key with the machine in SELECT DRINK mode to display the available drinks selection :

B1 ESPRESSO
B3 CAPPUCCINO
B5 CHOCO
B7 STEAM
BLACK COFFEE B2
LATTE MACCHIATO B4
MOCHA B6
HOT WATER B8



Press SHIFT key once or twice to display the second or third dose drinks menu

Where B1 / B8 indicate the numbers of the drink keys.



Press twice the INFO key with the machine in SELECT DRINK mode to display the boilers temperature :

COFFEE TEMPERATURE
XXX
STEAM TEMPERATURE
YYY

Where XXX indicates the coffee boiler temperature and YYY indicates the steam boiler temperature.

DISPENSING

1) COFFEE/CAPPUCCINO/CHOCO DISPENSING

For Waiters' Card place the Smart Card above the proper reader before pressing the dose key.
Adjust the coffee dispenser to the correct height and place a cup under it, then press the desired dose key.



Where "XXXXXXXX" indicates the selected dose key name.
The filling up of the cup icon indicates the amount of drink being dispensed.

PLEASE NOTE :

- Pressing the same dose key during dispensing can stop the selected dose (not available for Self configuration).
- By means of the SHIFT button the 8 selections can be tripled for a total of 24 drink doses. Press SHIFT button once or twice to switch the second or third dose drinks menu.

2) HEISSWASSER

Adjust the hot water outlet to the correct height and place a cup under it, then press the hot water key. Dispensing will be automatically stopped once the programmed dose is over. The display shows:



The filling up of the jug icon indicates the amount of drink being dispensed.

PLEASE NOTE: Pressing the same dose key during dispensing can stop the selected dose (not available for Self configuration).

3) DECAFFEINATED DISPENSING (not available for Self configuration)

Adjust the coffee dispenser to the correct height and place a cup under it, then open the decaffeinated coffee door, the display shows:



- Pour in the powdered coffee
- Close the decaffeinated door
- Press the desired dose key. The display shows:



The selected dose will be dispensed without the activation of the grinders.
The filling up of the cup icon indicates the amount of drink being dispensed.

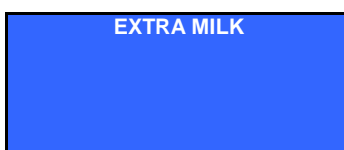
PLEASE NOTE:

- Pressing the same dose key during dispensing can stop the selected dose (not available for Self configuration).
- If the decaffeinated door is not closed, or if the dose button is not selected, the machine will automatically cancel this function after 20 seconds. The coffee group will carry out a cleaning cycle of the brewing chamber. The display shows:
-



4) EXTRAMILK DISPENSING (only LM machine, not available for Self configuration)

Press a milk-based key and keep it pressed, after 2 seconds foamed milk will start being dispensed, the display shows:



By releasing the pressed key, dispensing will be stopped.

STEAM WAND USE AND CLEANING

STEAM WAND NOT AVAILABLE FOR MACHINE IN SELF CONFIGURATION

1► Before using the steam wand press the steam button to purge the nozzle.



2► Use the steam wand to foam or heat any liquid into the jug by handling the rubber protection.



3► Press the steam button to stop the delivery before removing the jug.



4► After using the steam wand press the steam button to purge the nozzle.



5► Clean the steam wand by means of a cloth



6► **DO NOT** leave the steam wand into any liquid at any time



WE STRONGLY RECOMMEND TO USE AND CLEAN THE STEAM WAND AS ABOVE SHOWN

AUTOMATIC CLEANING OF POWER CLEANER -COFFEE GROUP- MIXER - MILK FROTHER - STEAM BOILER

AT THE END OF EACH WORKING DAY , AND/OR IN CASE THE MACHINE WILL NOT BE USED SOME TIME, WE STRONGLY RECOMMEND TO CARRY OUT AUTOMATIC CLEANING OF THE COFFEE GROUP ,THE MIXER AND THE MILK FROTHER.

1► Keep (Shift) key pressed for five seconds (for SELF configuration insert the waiter password 61111).



**PRESS B 7 TO START
PRESS B 4 TO SKIP**

**POWER CLEANER
GROUP CLEANING
MIXER CLEANING
MILKER CLEANING**



2► Press (N°7) key to start the Power cleaner cycle (press N°4 key to skip the Power cleaner).

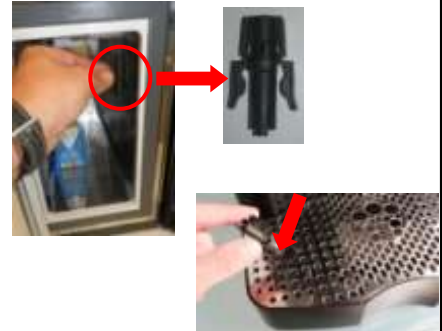


POWER CLEANER

Insert the black pipe support into the hole in the drip tray grid

PRESS B 7 TO START

3► Insert the black pipe support in the drip tray grid and press (N°7) key.

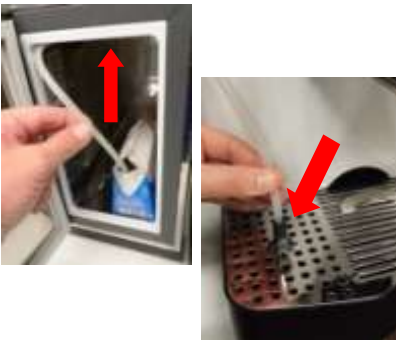


POWER CLEANER

Insert the black pipe support into the hole in the drip tray grid

PRESS B 7 TO START

4► Insert the silicone tube into the black support and press (N°7) key.



POWER CLEANER

Remove the silicone tube from the milk box and place it into the black support

PRESS B 7 TO START

5► Wait the end of the Power cleaner cycle delivery.



POWER CLEANER



ENDS IN XX Sec.

6► Press (N°7) key to start the group cleaning cycle.



PRESS B 7 TO START

**POWER CLEANER
GROUP CLEANING
MIXER CLEANING
MILKER CLEANING**



7► Open the machine door.



**GROUP CLEANING
OPEN FRONT PANEL
AND CLEAN COMPONENT**

8► Clean the group from any coffee residues.



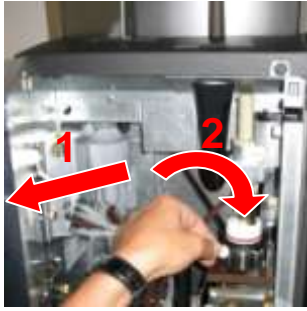
**GROUP CLEANING
CLEAN &
CLOSE FRONT PANEL**

9► Clean the group filters by means of a cloth.



**GROUP CLEANING
CLEAN &
CLOSE FRONT PANEL**

10► Open the front door -1-, insert the detergent tablet into the brewing chamber -2-



GROUP CLEANING
INSERT CLEANSER



11► Close the front door



GROUP CLEANING
INSERT CLEANSER



12► Wait the end of the group cleaning cycle delivery.



GROUP CLEANING



ENDS IN XX Sec.

13► Press (N°7) key to start the Mixer cleaning cycle.



PRESS B 7 TO START

POWER CLEANER
GROUP CLEANING
MIXER CLEANING
MILKER CLEANING

14► Wait the end of the Mixer cleaning cycle delivery.



MIXER CLEANING



ENDS IN XX Sec.

15► Press (N°7) key to start the milker cleaning cycle.



PRESS B 7 TO START

POWER CLEANER
GROUP CLEANING
MIXER CLEANING
MILKER CLEANING

16► Take the milk feeding tube out of the milk box



MILKER CLEANING
INSERT
CLEANING SOLUTION
PRESS B7 TO START

17► Prepare a solution of water and detergent (q.ty 200ml for standard version, 500ml if milk pump present) by following the instructions indicated in the product label



MILKER CLEANING
INSERT
CLEANING SOLUTION
PRESS B7 TO START

18► Insert the milk feeding tube into a container with detergent



MILKER CLEANING
INSERT
CLEANING SOLUTION
PRESS B7 TO START

19► Press (N°7) key to start the milker cleaning cycle.



MILKER CLEANING



ENDS IN XX Sec.

20► AT THE END OF THE MILKER CLEANING CYCLE THE DISPLAY WILL SHOW :

MILKER CLEANING

REPEAT CLEAN
USING ONLY WATER
PRESS B7 TO START

- Put the milk infeed pipe into a glass of cold water
- Press (N°7) key, the milk frother will start dispensing another cleaning cycle only with water.



IN CASE THE COFFEE MACHINE IS EQUIPPED WITH STEAM BOILER BUT DOESN'T HAVE THE AUTOMATIC MILK FROTHER IS NECESSARY TO PERFORM THE STEAM BOILER CLEANING.

Please note : the boiler cleaning is displayed only if the "Steam boiler cleaning frequency" parameter has been programmed.

21► Press (N°7) key to start the steam boiler cleaning cycle.



PRESS B7 TO START

GROUP CLEANING
MIXER CLEANING
BOILER CLEANING



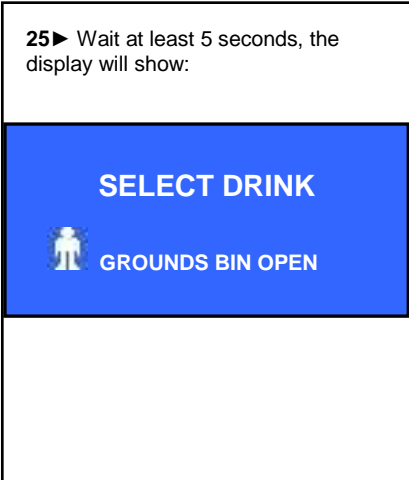
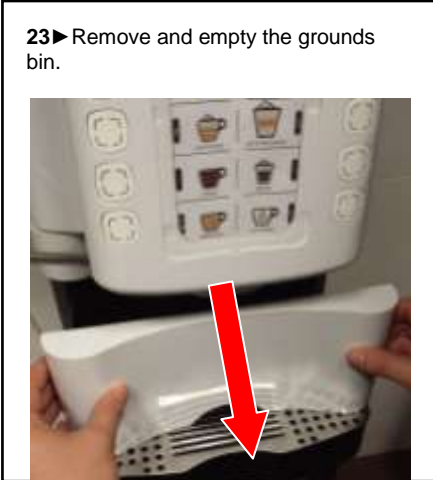
WAIT THE END OF THE BOILER CLEANING CYCLE DELIVERY

BOILER CLEANING



ENDS IN XX Sec.

AT THE END OF THE BOILER CLEANING CYCLE THE DISPLAY WILL SHOW :



PLEASE NOTE:

- a) Do not interrupt the cleaning cycle. If the cleaning cycle is interrupted by any type of operation unrelated to the procedure, when the machine functioning is set back again, the cleaning cycle will automatically be activated.
- b) Only in case that after the automatic cleaning process of the coffee outlet or the milk frother are not properly dispensing, carry out a manual cleaning; see the following steps.

FOR CLEANING OPERATIONS , CARIMALI STRONGLY RECOMMEND TO USE THE FOLLOWING DETERGENT PRODUCTS:

CLEANING TABLETS



MILK FROTHER CLEANER

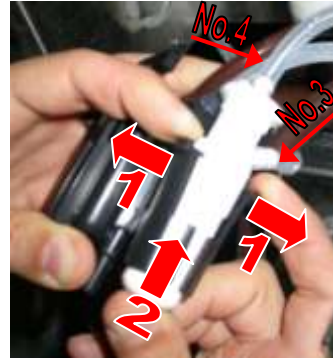


MANUAL CLEANING OF MILK FROTHER AND COFFEE OUTLET

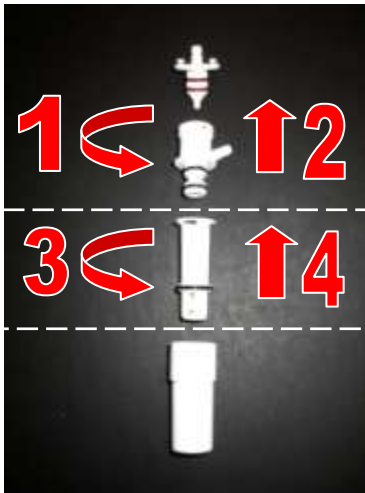
1► Remove the coffee outlet from its holder .



2► Remove the milk frother from the coffee outlet and disconnect Silicone tubes No. -3- and -4.



4► Disassemble the milk frother in all its parts (first by turning and then by pulling as shown in the picture) and wash it either by hand or in a dishwasher. Make sure that all the holes are free from milk residues and also to use provided tools to clean the holes. Check also that the O-rings are in good condition



5► Disassemble the coffee outlet (1) and wash it by hand or in a dishwasher. Make sure that all the holes are free from any coffee residues , and also to use provided tools to clean the holes.



MANUAL CLEANING OF MIXER

WE STRONGLY RECOMMEND CLEANING THE MIXERS ONCE A DAY

1► Open the machine door



2► Remove the pipe from the mixer



3► Turn the flange 1 anticlockwise, then remove the mixer 2



4► Remove the Decanter



5► Rinse the Mixer and the Decanter in a sink



6► Reinsert the Decanter



7► Turn the flange clockwise to reinsert the mixer



8► Reinsert the pipe from the mixer



OTHER RECOMMENDED CLEANING

DRIP TRAY CLEANING
Once a day rinse the drip tray in a sink.



GROUNDS BIN CLEANING
Once a day rinse the grounds bin in a sink.



HOPPER CLEANING

a) Turn the screw on the top of the machine anticlockwise and then remove the hopper.



b) Once a week clean the hopper by means of a cloth and approved food detergent.



DISPENSER CLEANING

a) Open the front door and remove the product outlet



b) Place the provided cap on the canister to avoid that the powder product comes out during disassembly



c) Remove the canister.



d) Once a week clean the dispenser by means of a cloth and approved food detergent



CHUTES CLEANING

a) Open the decaffeinated door and remove the chute .



b) Once a week clean the decaffeinated chute by means of a brush and approved food detergent



c) Once a week clean the coffee chute by means of a brush and approved food detergent



GRINDERS ADJUSTMENT

a) Turn the screw on the top of the machine behind the hopper anticlockwise and then remove the hopper.



b) Move the adjustment to the right to get coarse coffee powder, to the left for finer.



c) Reinsert the hopper and lock it by turning the screw clockwise.



Please Note:

Brew and throw two doses, the third one will be dispensed with the new grinder set.

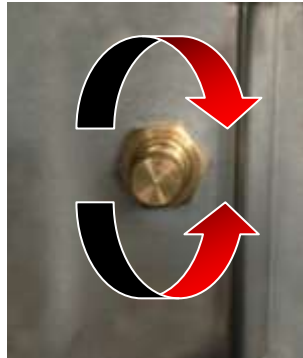
MILK FROTHER ADJUSTMENT

Foam setting

The milk frother is equipped with a FOAM REGULATOR which sets the quantity of air needed to froth milk.

Open the machine door turn the ring nut clockwise for thicker foam (small bubbles), or turn it anticlockwise for more voluminous foam (large bubbles) then lock it with the locknut. Pic.A.

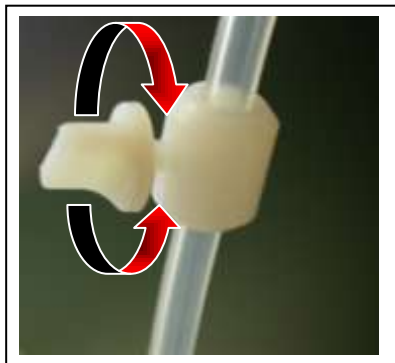
Pic. A



Milk temperature setting

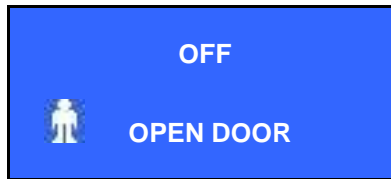
The milk frother is equipped with a MILK TEMPERATURE REGULATOR which reduces the quantity of sucked milk.

Turn the regulator clockwise to increase the milk temperature, or turn it anticlockwise to reduce it.



MACHINE FUNCTIONS MESSAGES

1) Alarm for machine door position



Cause: the front door is open; the micro switch does not touch the door
Result: shutdown of the machine functions
Solution: press Info key, the display shows:



Close the door and turn the machine ON.

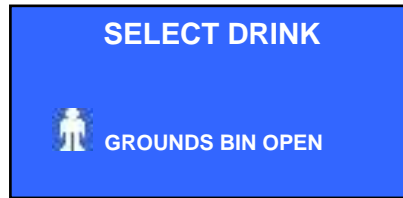
2) Full grounds bin alarm



Cause: grounds bin full; the number of coffee grounds in the bin has reached the programmed value
Result: shutdown of the coffee-based dispensing selections
Solution: press Info key, the display shows:



After 10 seconds the display shows :

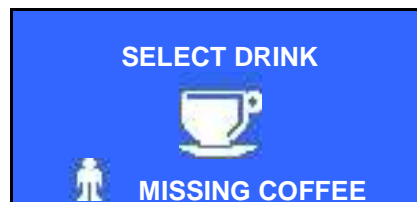


Press Info key, the display shows:



Reinsert the grounds bin into its housing.

3) Message of missing coffee



Cause: there is no coffee into the hopper and therefore into the brewing chamber

Result: the machine interrupts the coffee-based dispensing selections

Solution : press Info key, the display shows:



to reset the alarm put coffee into the hopper and press again the dose required.



4) Message of missing decaffeinated



Cause: Missing coffee in the decaffeinated door and in the brewing chamber
Result: The machine interrupts the decaffeinated dispensing selections
Solution : press Info key, the display shows:

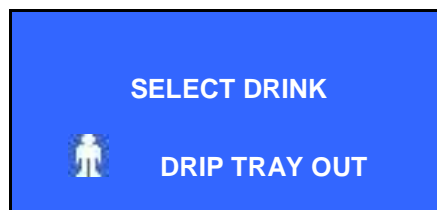


To reset the alarm put decaffeinated into the decaf door and press again the dose required.

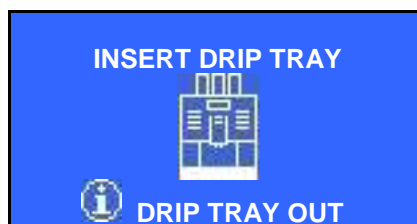


5) Message of drip tray not in position.

The display will show the following message:



Cause: the drip tray is not in position. The micro switch contact is open.
Result: The message is displayed without disabled the dispensing keys.
Solution: press Info key, the display shows:

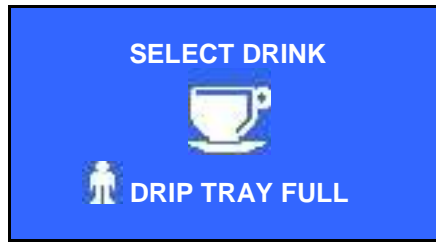


Reinsert the drip tray.



6) Message of drip tray full

The display will show the following message:



Cause: the drip tray is full, the quantity of water inside the drip tray touches the level probe.

Result: shutdown of the dispensing keys.

Solution: press Info key, the display shows:



remove the drip tray and empty it.



PLEASE NOTE: FOR ALL OTHER MESSAGES PLEASE REFER TO YOUR SERVICE CENTER.

ACCESS THE MAIN SETTING MENUS WITH PASSWORD OR SMART-CARD

A) ACCESS THE MAIN SETTING MENUS WITH PASSWORD

To enter the programming environments a password is required, it defines the access rights to the different environments. The password must consist of 5 digits.

To insert the password proceed as follows:

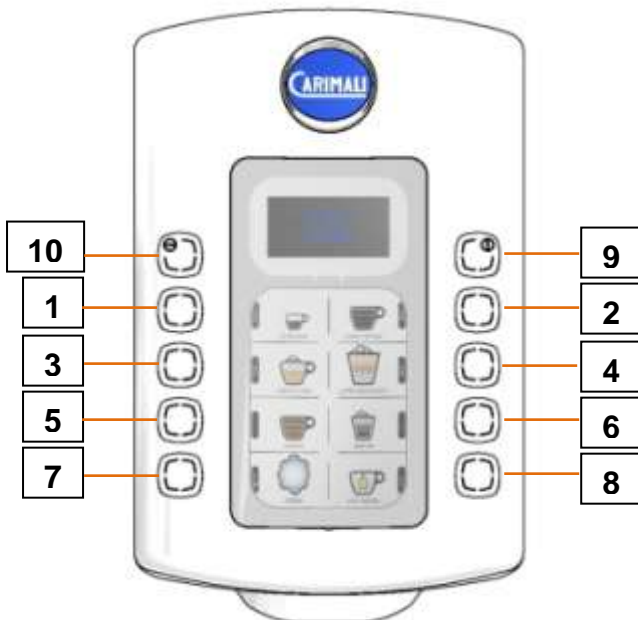
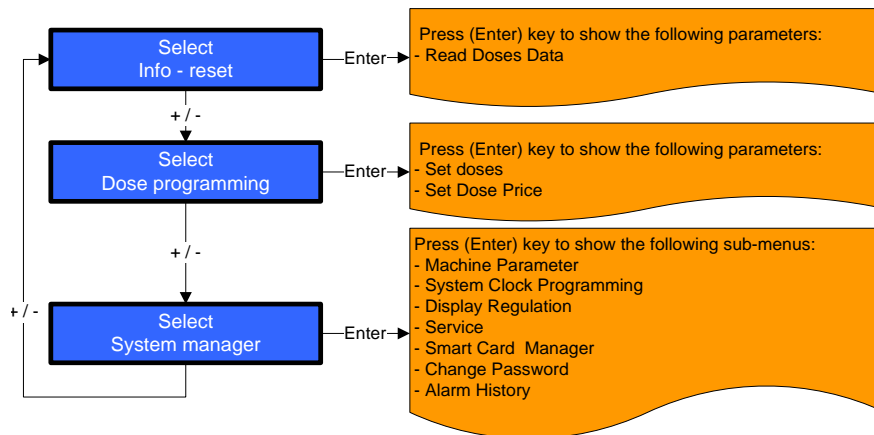
- Turn the machine OFF
- Keep "SHIFT" key pressed for 5 seconds. The display shows:



Enter one of the following passwords by using digits from 0 to 8:

- Owner 2 2 2 2 2
- Waiter 6 1 1 1 1

After inserting the password, the display shows the main menu programming environments:



KEY NUMBER	FUNCTION	KEY PASSWORD
1	Exit (Edit)	1
2	Insert blank	2
3	Delete character	3
4	Scroll	4
5	-	5
6	+	6
7	Enter	7
8	Esc	8
9	Info	
10	Shift /Clean	

B) ACCESS THE MAIN SETTING MENUS WITH SMART CARD

To enter the programming environments, place one of the following smart cards above the proper reader with the led light ON with the machine in OFF mode:

- **WAITER SMART CARD**
- **OWNER SMART CARD**

Press the Enter key, the display shows the main menu programming environments as above described.



Keep "SHIFT" key pressed for 5 seconds, the display shows the main menu programming environments as above described.



Carimali S.p.A. con socio unico Via Industriale, 1 - 24040 Chignolo d'Isola (BG) - Italia

T: +39 035 4949555 F: +39 035 905447

www.carimali.com – service@carimali.com