

Programming



# **VITALE S**



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## 1. **PROGRAMMING**

### 1.1. How do we communicate with the machine?

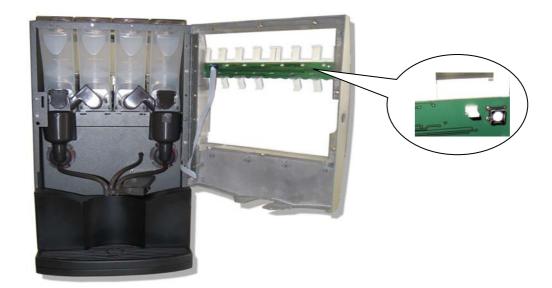
The VITALE S machine uses the keyboard of selections to communicate with the user of the machine.

The different illuminated buttons indicate the anomalies that it has registered during the service.

Touching the different buttons, with the machine in programming condition, one accedes to the programmable functions.

## 1.2. Programming machine of 7 buttons

To accede to Programming, touch the key of the electronic plate of the door.



The functions are the following ones:

- Button 1 -> Predetermined programming of the machine
- Button 2 -> Programming of the temperature of the water in the boiler
- Button 3 -> programming of the volumes of the services

In machines with soluble product (7 buttons)

- Button 4 -> programming of the intensity of the service.
- Button 5 -> Activation of the wash of the beaters
- Button 6 -> To move group. If it is in rest, it goes on to expenditure position or vice versa.
- Button 7 -> It activates the filling of the boiler.



## 1234567



Order of the buttons

**Predetermined programming of the machine.** It is possible to recover one of the preprogrammings that the machine has stored. These programmings concern the distribution and the configuration of the services.

| Button | espresso  | Long<br>espresso | MACHIATO  | COFFEE<br>MILK                               | CAPUCHINO  | CHOCOLATE                                  | CHOCOLECHE                                 |
|--------|-----------|------------------|---|--|--|--|--|
| 1      | Coffee=50 | Coffee=70        | Coffee=50<br>Leche=1.5<br>$H_20$<br>leche=30                    | Coffee=50<br>Leche=2.7<br>$H_20$<br>leche=60 | Coffee = $45$<br>Leche=1.9<br>Choco=1.4<br>H <sub>2</sub> 0 leche=65 | Choco=6.1<br>H <sub>2</sub> 0<br>leche=100 | Leche=2.9<br>Choco=2.5<br>$H_20$ leche=110 |
| 2      | Coffee=30 | Coffee=90        | Coffee=30<br>Leche=0.7<br>$H_20$<br>leche=45                    | Coffee=90<br>Leche=0.7<br>$H_20$<br>leche=45 | Coffee=40<br>Leche=1.0<br>Choco=1.2<br>$H_2O$<br>leche=120           | Choco=6.8<br>H <sub>2</sub> 0<br>leche=180 | Leche=5.1<br>Choco=1.8<br>$H_20$ leche=170 |
| 3      | Coffee=80 | Coffee=144       | Coffee= $67$<br>Leche= $0.6$<br>H <sub>2</sub> 0<br>leche= $77$ | Coffee=96<br>Leche=0.6<br>$H_20$<br>leche=96 | Coffee=58<br>Leche=1.0<br>Choco=1.8<br>$H_2O$<br>leche=134           | Choco=3.3<br>H <sub>2</sub> 0<br>leche=192 | Leche=2.9<br>Choco=2.2<br>$H_20$ leche=192 |
|        | espresso  | Long<br>espresso | МАСНІАТО  | COFFEE<br>MILK                               | CAPUCHINO  | CHOCOLATE                                  | HOT WATER                                  |
| 4      | Coffee=50 | Coffee=70        | Coffee=50<br>Leche=1.5<br>$H_2O$<br>leche=30                    | Coffee=50<br>Leche=2.7<br>$H_20$<br>leche=60 | Coffee =45<br>Leche=1.9<br>Choco=1.4<br>H <sub>2</sub> 0 leche=65    | Choco=6.1<br>$H_20$<br>leche=100           | Hot water=110                              |
| 5      | Coffee=30 | Coffee=90        | Coffee=30<br>Leche=0.7<br>$H_20$<br>leche=45                    | Coffee=90<br>Leche=0.7<br>$H_2O$<br>leche=45 | $Coffee = 40$ $Leche = 1.0$ $Choco = 1.2$ $H_20$ $leche = 120$       | Choco=6.8<br>H <sub>2</sub> 0<br>leche=180 | Hot water=180                              |
| 6      | Coffee=80 | Coffee=144       | Coffee=67<br>Leche=0.6<br>$H_{2}O$<br>leche=77                  | Coffee=96<br>Leche=0.6<br>$H_20$<br>leche=96 | Coffee=58<br>Leche=1.0<br>Choco=1.8                                  | Choco=3.3<br>H <sub>2</sub> 0<br>leche=192 | Hot water=192                              |

The units for the coffee and the water are cm<sup>3</sup> (cc)

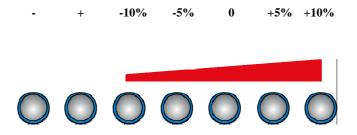


The units for the Milk and the Chocolate are seconds (secs.)

**Temperature.** You can change the programmed temperature of the water in the boiler the 5% or 10 %, so much in increase (buttons 6/7) as in decrease (buttons 3/4).

you can use also the buttons "+" or "-". The first pulsation will increase or decrease 5 % and the second one 10 %.

The temperature of the boiler is programmed in 90° C from factory.



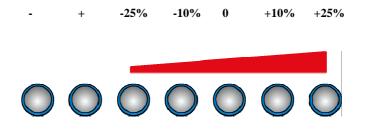
**Volume of the service.** As with the temperature, also the volume of the service can be programmed.

Touch the selection to changing.

Using the buttons 3 ó 4, it will reduce the volume in 25 % or 10 % respectively.

Using the buttons 6 ó 7, it will Increase the volume in 10 % or 25 % respectively.

You can use also the buttons "+" or "-". The first pulsation will increase or diminish 10 % and the second one 25 %



Changing the volume also changes the quantity of water and of product.

**Intensity of the service.** By means of this function one manages to increase or to diminish the concentration of the product.

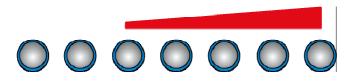
Touch the selection to changing.

Using the buttons 3 ó 4, it will reduce the intensity in 25 % or 10 % respectively.

Using the buttons 6 ó 7, it will Increase the intensity in 10 % or 25 % respectively.

you can use also the buttons "+" or "-". The first pulsation will increase or diminish 10 % and the second one 25 %.





-10%

## 1.3 Programming machine of 3 buttons

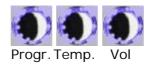
To accede to Programming, touch the key of the electronic plate of the door.

-25%



The functions are the following ones:

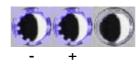
- Button 1 -> Predetermined programming of the machine
- Button 2 -> Programming of the temperature of the water in the boiler
- Button 3 -> programming of the volumes of the services





| Button | espresso      | Long<br>espresso | CHOCOMILK     |
|--------|---------------|------------------|---------------|
| 1      | Coffee=<br>50 | Coffee=<br>70    | Hot water=110 |
| 2      | Coffee=<br>30 | Coffee=<br>90    | Hot water=180 |
| 3      | Coffee=<br>80 | Coffee=<br>144   | Hot water=192 |

#### Temperature



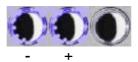
(the number of winkings, from 1 to 5, indicates the selected variation of the temperature)  $% \left( {{{\left( {{T_{{\rm{s}}}} \right)}}} \right)$ 

| Number of winkings | Temperature           |  |
|--------------------|-----------------------|--|
| 1                  | Programmed value -10% |  |
| 2                  | Programmed value -5%  |  |
| 3                  | Programmed value      |  |
| 4                  | Programmed value +5%  |  |
| 5                  | Programmed value +10% |  |

#### Volume of the service

Choose a service:





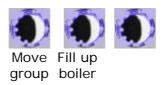
(the number of winkings, from 1 to 5, indicates the selected variation of the volume)

| Number of winkings | Volume                |  |
|--------------------|-----------------------|--|
| 1                  | programed value -25%  |  |
| 2                  | Programmed value -10% |  |
| 3                  | Programmed value      |  |
| 4                  | Programmed value +10% |  |
| 5                  | Programmed value +25% |  |



#### Second level programmation

touching the key of the electronic plate for a couple of times, we acces to the second level of programmations:



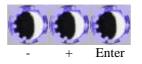
## **1.4 Programming with payment module.**

To accede to the programming relative to the payment module, to keep touched the button P during 3 seconds.

On the screen of the payment module the first available function appears:

## F | 10

With the button 1, decreases the number of function; with the button 2 is increased, with the button 3, are dropped into the role. To exit the programming mode, press the button P.



The available functions are:

- F I ID Accounting for money sold per selection
- F III Accounting for units sold per selection
- F 120 Accounting for money sold in total
- F I2 I Accounting of units sold in total
- FITI Clearing accounts
- F20 I Programming price for each selection
- F204 Programming the same price for all selections

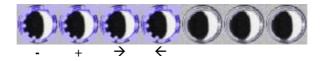
In the accounting functions, if the number at present is larger than 4-digit, is presented by moving from right to left.

In the functions F110, F111 and F201, after entering the function, wondered what selection is going to reach, with the following screen:

SELP



In the functions **F201 and F204**, for programming the prices, the digit to be edited is flashing . The functionality of each button is as follows:



The 4th button functionality is only when you are editing the 2nd or subsequent digits. In the machinery of 3 keys do not have this button, thus, to change one digit for which has already been passed, we must continue until the end of the number and come back to the editing of that value.







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