

## Test program "INCANTO" model



Incanto base



Incanto  
® Rapid steam



Incanto Digital  
® Rapid steam



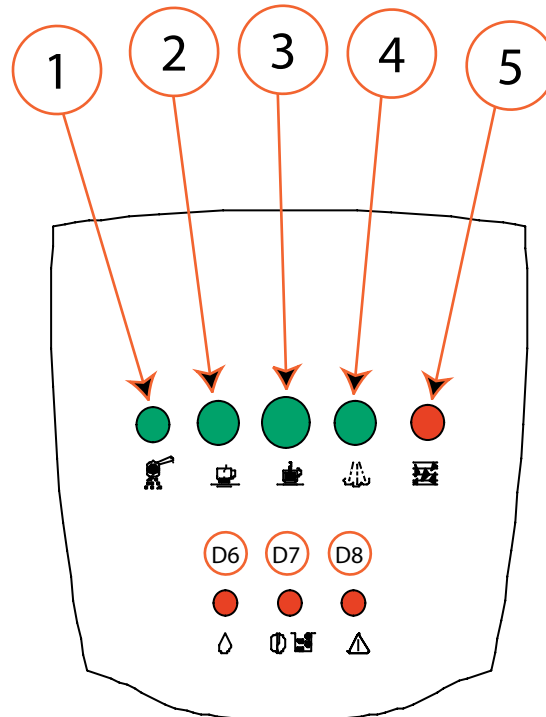
Incanto with SBS  
® Rapid steam

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## Test program INCANTO

In test program it is very easy to locate the broken parts, and the time to adjust it becomes lesser.  
To enter in test program the machine has to be turned off, and the hot water steam knob closed.



### For entering in Test program push the following key's

Push the key's 3 and 4 and turn on the machine by the main switch.

### Rotation anticlockwise of the gear motor

#### Key 1

Check the right rotation anticlockwise of the gear motor and that the brewing unit is going upwards correctly.  
Check also that the gear motor isn't noisy  
When the gear motor is in work position, the key N°1 will be turned on.

### Rotation clockwise of the gear motor.

#### Key 2

Check the right rotation clockwise of the gear motor and that the brewing unit is going downwards correctly.  
Check also that the gear motor isn't noisy.  
When the gear motor is in home position, the key N° 2 will be turned on

### Function coffee grinder

#### Key 3

Check that the coffee grinder is rotating clockwise.

When the doser is full, the led of the key number 3 will be turned on.

Check the noise of the coffee grinder

**Opening of the doser****Key 4**

Check the right function of the doser.  
 Check that the doser isn't noisy.  
 When the doser is activated the led of the key number 3 will be turned off.

**Absorbing resistance coffee boiler****Key's 1 + 5**

Check through the ampere meter if coffee boiler is absorbing.

**Function of the pump****Key 4 + water knob open**

Check the right function of the pump.  
 Check the noise of the pump.

**Functions of the led****Key's 1+5 water knob open**

Check the functions and the lightness of all the led.

**Reed sensor for water level.**

The water tank has to be empty.  
 Start taking it off very slowly.  
 The led D6:  
 First it has to be turned off  
 then it has to be turned on  
 then it has to be turned off again.

**Opening the service door.**

Open the service door and check that the key number 5 is turned on.

**Drip tray.**

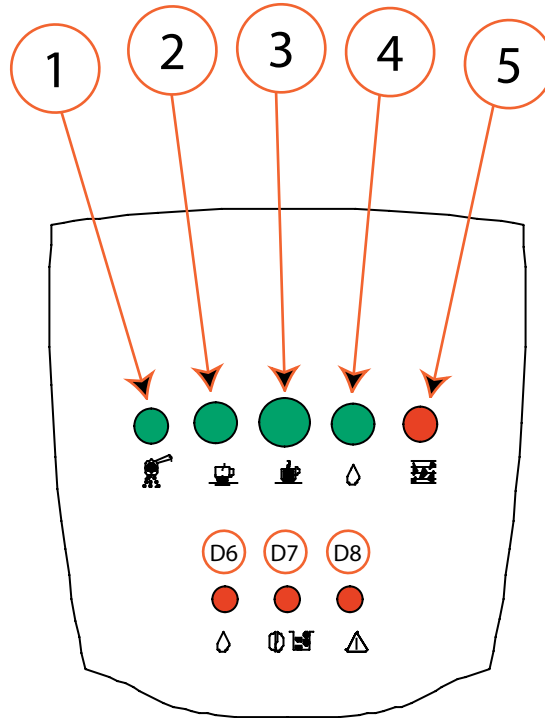
Take off the drip tray and check that it's turned on the led number 7 and the key number 5

**Brewing unit**

Take off the brewing unit and check that the key number 4 is turned on

## Test program INCANTO rapid steam

In test program it is very easy to locate the broken parts, and the time to adjust it becomes lesser.  
To enter in test program the machine has to be turned off, and the hot water steam knob closed.



### For entering in Test program push the following key's.

Push the key's 3 and 4 and turn on the machine by the main switch.

### Rotation anticlockwise of the gear motor

#### Key 1

Check the right rotation anticlockwise of the gear motor and that the brewing unit is going upwards correctly. Check also that the gear motor isn't noisy. When the gear motor is in work position, the key N° 1 will be the turned on

### Rotation clockwise of the gear motor.

#### Key 2

Check the right rotation clockwise of the gear motor and that the brewing unit is going downwards correctly. Check also that the gear motor isn't noisy. When the gear motor is in home position, the key N° 2 will be turned ON.

### Function coffee grinder

#### Key 3

Check that the coffee grinder is rotating clockwise.

When the doser is full, the led of the key number 3 will be turned on. Check the noise of the coffee grinder.

### Opening of the doser

#### Key 4

Check the right function of the doser.

**Absorbing resistance coffee boiler .**

**Key's 1 + 5**

Check through the ampere meter if the coffee boiler is absorbing.

**Absorbing resistance coffee boiler**

**Key's 2 + 5**

Check through the ampere meter if the steam boiler is absorbing.

**Function of the pump**

**Key 4 + water knob open**

Check the right function of the pump.  
Check the noise of the pump

**Functions of the led.**

**Key's 1+5 water knob open**

Check the functions and the lightness of all the led.

**Reed sensor for water level**

The water tank has to be empty.  
Start taking it off very slowly.  
The led D6:  
First it has to be turned off  
then it has to be turned on  
then it has to be turned off again

**Opening the service door**

Open the service door and check that the key number 5 is turned on

**Drip tray**

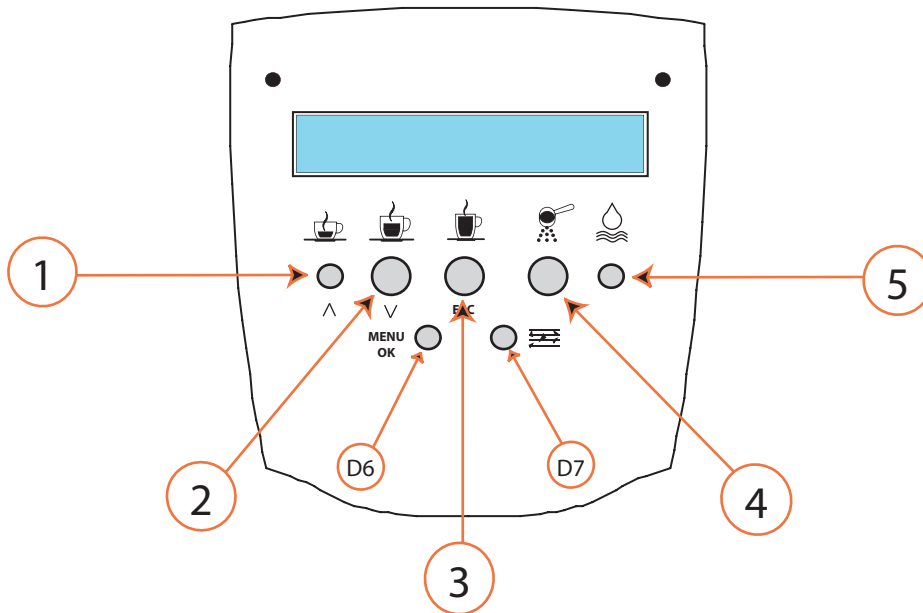
Take off the drip tray and check that it's turned on the led number 7 and the key number 5.

**Brewing unit**

Take off the brewing unit and check that the key number 4 is turned on.

## Test program INCANTO Digital

In test program it is very easy to locate the broken parts, and the time to adjust it becomes lesser. To enter in test program the machine has to be turned off, and the hot water steam knob closed.



### For entering in Test program push the following key's

Push the key's 3 and 5 and turn on the machine by the main switch. The display is indicating the version of the software. Let go of the key's. Now the machine is in test program.

### Rotation anticlockwise of the gear motor

#### Key 1

Check the right rotation anticlockwise of the gear motor and that the brewing unit is going upwards correctly. Check also that the gear motor isn't noisy. When the gear motor is in work position. on the display it will appear number 1.

### Rotation clockwise of the gear motor.

#### Key 2

Check the right rotation clockwise of the gear motor and that the brewing unit is going downwards correctly. Check also that the gear motor isn't noisy. When the gear motor is in home position. on the display it will appear number 2.

### Function coffee grinder

#### Key 3

Check that the coffee grinder is rotating clockwise.

When the doser is full. on the display it will appear number 3

Check the noise of the coffee grinder

### Opening of the doser

#### Key 4

Check right function of the doser. Check that the doser isn't noisy.

Activating the doser pushing the key number 4, the number 3 has to be switched off.

### Absorbing resistance coffee boiler

#### Key's 2 + D6

Check through the ampere meter, if the coffee boiler is absorbing

**Absorbing resistance steam boiler****Key's 3 + D6**

Check through the ampere meter, if the steam boiler is absorbing

**Function of the pump****Key's 1 +D7 + water knob open**Check the right function of the pump.  
Check the noise of the pump.**Boiler temperature****Key's 4 + D6 + D7**With this function it is possible to check  
the present temperature of the boiler.**Reed sensor for water level**The water tank has to be empty.  
Start taking it off very slowly.  
The number 7 on the display:  
has to be turned off  
then it has to be turned on  
then it has to be turned off again.**Opening the service door**

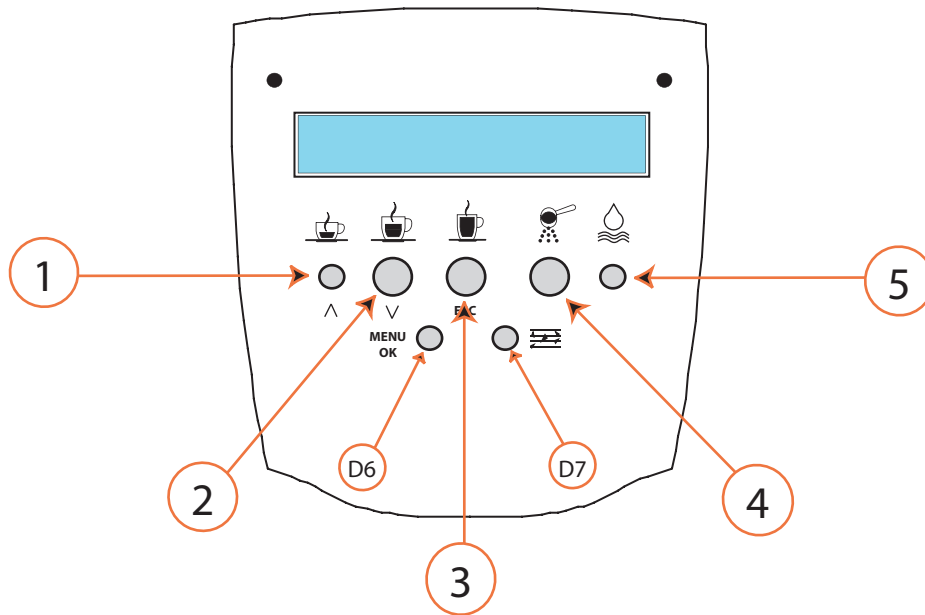
Open the service door and check that the key number 9 is turned off.

**Drip tray**Take off the drip tray and check that the numbers 5 and 9 on the  
display is turned off**Brewing unit**Take off the brewing unit and check that the key number 6 is turned  
off



## Test program INCANTO with SBS

In test program it is very easy to locate the broken parts, and the time to adjust it becomes lesser. To enter in test program the machine has to be turned off, and the hot water steam knob closed.



### For entering in Test program push the following key's.

Push the key's 3 and 5 and turn on the machine by the main switch.  
The display is indicating the version of the software.  
Let go of the key's.

### Rotation anticlockwise of the gear motor

#### Key 1

Check the right rotation anticlockwise of the gear motor and that the brewing unit is going upwards correctly.  
Check also that the gear motor isn't noisy.  
When the gear motor is in work position.  
on the display it will appear number 1.

### Rotation clockwise of the gear motor.

#### Key 2

Check the right rotation clockwise of the gear motor and that the brewing unit is going downwards correctly.  
Check also that the gear motor isn't noisy.  
When the gear motor is in home position.  
on the display it will appear number 2.

### Function coffee grinder

#### Key 3

Check that the coffee grinder is rotating clockwise.

When the doser is full,  
on the display it will appear number 3

Check the noise of the coffee grinder.

### Opening of the doser

#### Key 4

Check the right function of the doser.  
Check that the doser isn't noisy.

Activating the doser pushing the key number 4, the number 3 has to be switched off.

**Absorbing resistance coffee boiler****Key's 2 + D6**

Check through the ampere meter, if the boiler is absorbing

**Absorbing resistance steam boiler****Key's 3 + D6**

Check through the ampere meter, if the steam boiler is absorbing.

**Function of the pump****Key's 1 +D7 +water knob open**Check the right function of the pump.  
Check the noise of the pump**Boiler temperature****Key's 4 + D6 + D7**With this function it is possible to check  
the present temperature of the boiler**Reed sensor for water level**The water tank has to be empty.  
Start taking it off very slowly.  
The number 7 on the display:  
has to be turned off  
then it has to be turned on  
then it has to be turned off again.**Opening the service door**

Open the service door and check that the key number 9 is turned off.

**Drip tray**Take off the drip tray and check that the numbers 5 and 9 on the  
display is turned off**Brewing unit**Take off the brewing unit and check that the key number 6 is turned  
off.

## Diagnosis Menu INCANTO DIGITAL & INCANTO DIGITAL SBS

HERE YOU CAN CHANGE AND SET DIFFERENT PARAMETERS AND MACHINE SETTINGS.

TO ENTER THE TEST MODE, PLEASE, PRESS BUTTONS 1 + 3 + 5 WHEN MACHINE IS SWITCHED OFF AND THEN, KEEPING THE FINGERS ON THE BUTTONS SWITCH THE MACHINE ON. IN THE MENU, PLEASE, FOLLOW THE INDICATING ARROWS TO THE POINT "DIAGNOSIS" AND SELECT WITH MENU/OK BUTTON. WITH THE ARROW BUTTONS YOU CAN SELECT THE PARAMETERS. WITH THE MENU BUTTON AND THE ARROW BUTTONS YOU CAN CHANGE THE SETTING VALUES.

	Maschine Parameter	Range	Function
1	Large coffee N° Impuls 600	50 - 800	Quantity of coffee per cup counted with flowmeter impulses 600 Impulses are appx.. 200 ml
2	Small coffee N° Impuls 200	50 - 800	Quantity of coffee per cup counted with flowmeter impulses 600 Impulses are appx.. 200 ml
3	Coffee N° Impuls 350	50 - 800	Quantity of coffee per cup counted with flowmeter impulses 600 Impulses are appx.. 200 ml
4	Heater Parameter K1 8	1 - 50	Temperature curve management > <b>refrain from adjusting !</b>
5	Heater Parameter K2 30	1 - 50	Temperature curve management > <b>refrain from adjusting !</b>
6	Heater Sensor Adjustment 96°C	94 -96 -98	> <b>refrain from adjusting !</b>
8	Temp. Normal °C 86	70 - 130 °C	Selected temp. By continous coffee cycle.
9	Temp. High °C 101	70 - 130 °C	Selected temp. when brewing coffee after 6 min.
10	Temp. 1° coffee °C 105	70 - 130 °C	Selected temp. When the machine is switch ON or the boiler temperature is lower than 50°C
11	Temp. Steam °C 125	70 - 130 °C	Steam temperature
12	Temp. Increase °C 0	0 - 50 °C	Controls the right level of temperature > <b>refrain from adjusting</b>
15	Total grounds 0	0 - 50	Counter
16	Stop grounds 13	0 - 50	Display shows „empty dregs drawer“
17	Total Water ml 1240		Total water quantity flowed trough coffee boiler
18	Water desc. ml 1240		Total water quantity flowed trough coffee boiler from last descaling cycle
21	Hot water flowrate 14 l/h	6 - 34	Flowrate of the pump
22	Hot water pump regul. 63000		Pump regulation setting factors. Automatically set-up by the machine.
23	Waterreserve counter n° impulses 0	0 - 2500	Counter for water level in the water tank
24	Waterreserve stop n° impulses 600	0 - 2500	Machine shows FILL WATERTANK after have reached the value
26	Machine status 36		Machine functionaly state.
27	Prod. Date Day 8		Production date
28	Prod. Date Month 10		Production date
29	Prod. Date Year 2003		Production date
30	Serv. Date Day 10		Service date
31	Serv. Date Month 11		Service date
32	Serv. Date Year 2003		Service date

>> TO EXIT THE DIAGNOSIS MENU, PLEASE, USE ESC BUTTON OR SIMPLY SWITCH OFF THE MACHINE