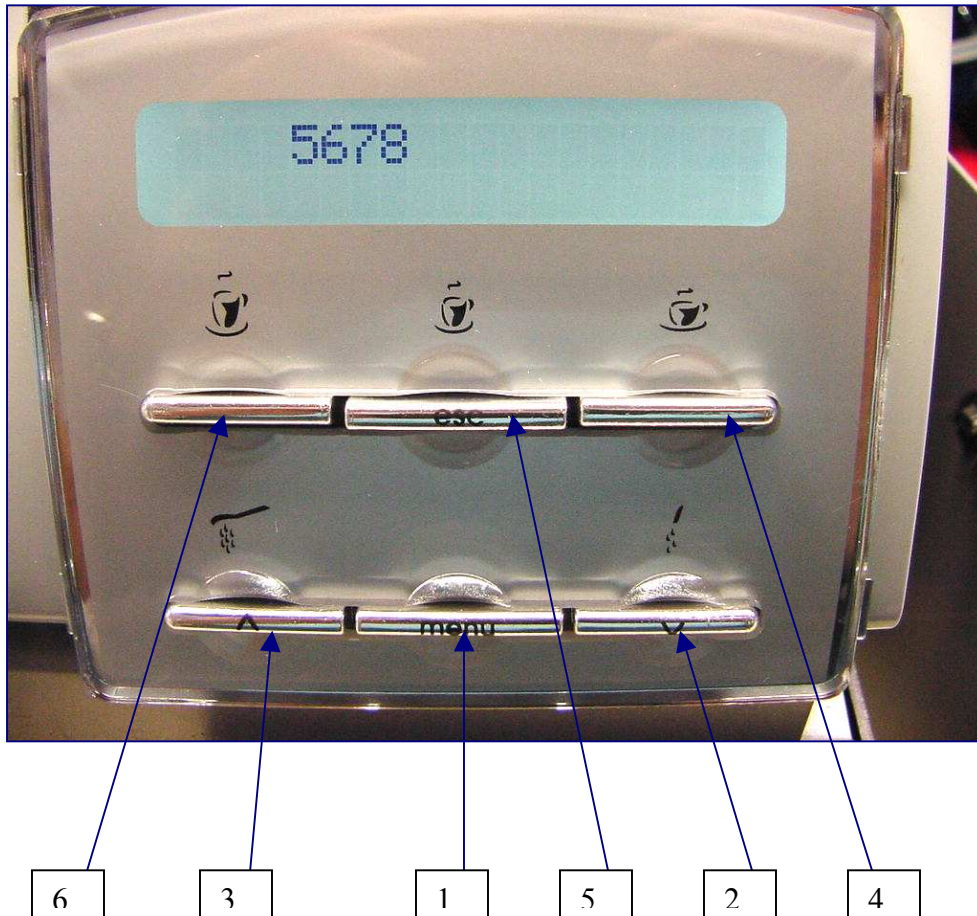


Test Program

MAGIC COMFORT PLUS REDESIGN

Test program is a good tool for locating damaged or broken components thus shortening the time for repair. To enter the test program mode, the machine has to be turned “OFF”, or in “Stand by” when on display shows “Energy Saving” and with hot water, steam knob closed.



For entering in the test program push the following key's

- When Machine is “OFF”
Push at the same time key's 4 and 5 and 1 and hold them, Turn “ON” the machine by the main power switch. Let go of the keys. Now the machine is in test program.
- When Machine is “ON”
Push the “Menu” button till “Energy Saving” shows on display. Then push at the same time keys 4 and 5 and 1 and hold them for two seconds. Let go of the keys. Now the machine is in test program again.

Rotation anticlockwise of the gear motor

Key # 6

Check the right rotation anticlockwise of the gear motor by checking also the end position. When the gear motor is in work position, on the display it will appear number 1. Check also that the gear motor isn't noisy.

Rotation clockwise of the gear motor	Key # 5
<p>Check the right rotation clockwise of the gear motor by checking also the end position. When the gear motor is in home position, on the display it will appear number 2. Check also that the gear motor isn't noisy.</p>	
Function of the grinder	Key # 4
<p>Check the right function of the coffee grinder and that it is rotating clockwise. Check the noise of the coffee grinder. When the doser is full, the coffee grinder stops, and on the display appears N° 3.</p>	
Opening of the doser	Key # 3
<p>Check the right opening of the doser. Check that the doser isn't noisy.</p>	
Absorbing big resistance coffee boiler	Key's # 1 and 5
<p>Check that the big resistance of the coffee boiler is absorbing.</p>	
Absorbing small resistance coffee boiler	Key's # 1 and 4
<p>Check that the small resistance of the coffee boiler is absorbing.</p>	
Absorbing resistance steam boiler	Key's # 1 and 3
<p>Check that the resistance of the steam boiler is absorbing.</p>	
Function of the pump	Key's # 2 and 5
<p>Check the right function of the pump. Confirm the noise of the pump. On the display the impulses of the flow meter has to rise up to 45</p>	
Function solenoid valve of the steam boiler	Key's # 1 and 5 and 4 or 1 and 5 and 2
<p>Check that the solenoid valve positioned on the steam boiler is opening, by hearing a click.</p>	
Function solenoid valve for hot water	Key's # 1 and 5 and 6 and 4 or 1 and 5 and 3 and 2
<p>Check that the solenoid valve for hot water is opening, by hearing a click.</p>	
Temperature of the boilers	Key's # 1 and 5 and 2 and 3
<p>By pushing and holding keys 1 and 5 and 2 and 3 on display shows "Temperature 1 on top, and Temperature 2" on bottom. Temperature 1 shows brew boiler temperature value. Temperature 2 shows steam boiler temperature value.</p>	
Check all the micro switches	
<p>Check that on display appears numbers 5, 6, 7. When machine is in test program.</p> <ul style="list-style-type: none"> ▪ Turn the steam knob, check that the micro switch engages is halfway round and that on the display appears number 4. ▪ Lift up water tank number 7 disappear on display, it shows up when water tank is back. Sensor for water reeds. ▪ Remove the coffee grounds container, number 5 disappear on display, it shows up when container is placed back. ▪ By pass door switch, and remove brew group unit, number 6 disappear on display, it shows up when brew group unit is placed back. ▪ Activate the doser micro switch and check that on display appears number 3. 	
Exit the test program	The main switch
<p>Turn "OFF" the machine and turn it "ON" again.</p>	