boiler parameters

- Temperature: sets the operating temperature of the boiler

- Minimum temperature for dispensing beverages: sets the minimum temperature to enable beverages

With the parameters "Temperature Threshold" and "Minutes" you can set the temperature maintenance cycle of the boiler. For example, if no beverages have been dispensed for the set minute, the boiler water temperature is increased by the degrees set in the "Temperature threshold".

mixer anti-lock

Sets how long after the last selection with instant beverages the mixer is briefly turned on (anti-lock function)
This function is useful when residues of instant powder remain in the mixer.

MACHINE INFORMATION

faults

The machine has a number of sensors for keeping the various functional groups under control.
When an anomaly is detected, the machine displays the type of fault and the machine (or part of it) is put out of service.
Detected faults get recorded in special counters.

Failure history file

Use this function to display the failure history file. The history file shows the failure with the corresponding date and time.

event history

This function allows to view and filter the events recorded from the equipment by:

- All events

- Access to the programming menus.

- Changing parameters

- Cleaning

Touch the "Delete" button to delete the displayed events.

faults

Displays the machine faults.
If there are no faults the list is empty

Pump fault 1...7

If the current absorption of a pump is not between the range of default values, all the selections in which the pump is involved are disabled.

Faulty mixer 1...6 (whipper fault)

If the current absorption of a mixer motor is not between the range of default values, all the selections in which that mixer is involved are disabled.

solenoid valve 1...7 (valve fault)

If the current absorption of a solenoid valve is not between the range of established values, all the selections in which that solenoid valve is involved are disabled.

Short circuit mosfet

The machine fails if a device intended to control direct current motors on the actuation board (mosfet) remains active.

Short circuit

This failure is displayed if the software should detect a short-circuit on one of the direct current motors connected with the actuation board. A failure may be simultaneously detected on one of the direct current motors.

Volumetric counter

No counting of the volumetric counter within a maximum time.

water leakage

The Air-break micro switch signals the lack of water without a previous dispensing and opens the water inlet solenoid valve, or activates the self-feeding pump (attempt to fill the air break). Check that there are no water leaks in the hydraulic circuit of the machine (disconnected hoses, …)

airbreak micro

The Air-break microswitch never signals the lack of water following a dispensing.

air-break filling time out

The air-break micro switch does not report the achievement of the water level in the Air-break in the allotted time during filling.

Coffee unit failures

The position control microswitch of the coffee unit is read during the whole dispensing cycle.
According to the micro readout and the dispensing phase of the unit, any failure is declared by locking the selections based on espresso coffee.

Coffee unit - micro unit failure -

While the brew unit is being handled, the control micro is not operated within a certain time limit.
This failure may be associated with another positioning failure of the coffee unit.

Coffee unit - start unit failure -

The microswitch signals the coffee unit has not moved from the stand-by position.

Coffee unit - brew unit failure -

The control micro signals that the coffee unit has not reached the brew position.

Coffee unit - dispensing unit failure -

During the brew phase, the control micro signals that the espresso unit is being handled.

Coffee unit - discharge unit failure -

At the end of the brewing phase, the control micro signals that the coffee unit has not reached the "used dose discharge" position.

Coffee unit - standby unit failure -

The control micro signals that the brew unit has not moved back to the stand-by position after having discharged the coffee dose.

boiler error

The operating temperature of the boiler is not reached after several temperature measurements in a given time.
The device is taken out of service.

boiler leaking

Reports a water leak in the boiler.

thorough machine cleaning

Reports the need to perform a thorough cleaning of the machine.
This message is displayed when the time limit or the configured number of selections are reached.

washing of the espresso unit with tablets

Reports the need to wash the espresso unit using sanitizing tablets.
This message is displayed when the time limit or the configured number of selections are reached.

washing of the mixers

Reports the need to wash the mixers.
This message is displayed when the time limit or the configured number of selections are reached.

washing of the tea brewer

Reports the need to wash the tea brewer unit.
This message is displayed when the time limit or the configured number of selections are reached.

coin mechanism

The machine stops if it should receive an over 2-sec. pulse on a validator line or if the communication with the serial coin mechanism is not longer than 30 seconds (Executive protocol) or 75 seconds (BDV protocol).

liquid residue container full

Closing the contact of the liquid waste tray displays the message "Liquid residue container full".
Empty the liquid residue container and reposition it to reset the fault.

drip tray not present

The liquid residue container does not operate the micro switch indicating the presence of the container.
Check that the liquid residue container is correctly positioned inside the machine.

water tank empty

Lack of water from the mains or self-feeding tank.
Make sure that the machine is connected to the water mains and that the tap is open or the tank is full of water.
Touch the "Reset" button to restore the operation of the machine.

empty coffee

The grinder exceeds the normal speed for more than 5 seconds.
Instant beverage products remain available.
Make sure the coffee bean container is full.

Water low pressure

the pressure switch detects low water pressure inside the machine.

Grinder shutdown

A sensor detects the effective rotation of the grinder during the grinding time.
In the event of a blockage (due to foreign bodies, etc.) the grinder is shutdown and the espresso-based selections are disabled.
This option can be used to enable/disable the check of the grinder rotation.

machine board

Lack of communication between the machine board and the CPU board.
Check the electrical connections between the two boards.

espresso low temperature

The espresso boiler temperature is lower than the minimum temperature programmed to dispense espresso.
Wait for the minimum dispensing temperature to be reached.

empty doser 1...7

The minimum level of instant powder in the container associated with motor-doser has been reached.
The signal is active if they controls on instant powder containers are activated.
Check the level of instant powder in the containers.

tea brewer

It is due to a positioning error of the tea brewer piston.
The piston position is indicated by the microswitch located on the tea brewer unit.
Only selections with tea are disabled.

tea brewer scraper brush

Scraper brush position error due to the ejection of residues from the tea brewer unit.
The scraper brush position is indicated by the microswitch located on the tea brewer unit.
Only selections with tea are disabled.

empty espresso dispenser 1...2

The minimum level of coffee beans in the container has been reached.
The signal is active if they controls on coffee beans containers are activated.
Check the level of coffee beans in the containers.

machine database not available

The database that manages the machine configurations is not present on the machine, it cannot be loaded or created.
Make sure there is sufficient memory space.

show statistics

Displays statistics on selections
Displays selections statistics showing:

- the number of dispensed selections

- date and time of last dispensing

statistics reset

Touch the "Delete" button to delete the selections statistics.

show audit

Displays the total number of payments and the total deliveries since last statistics reset, for each selection.
The audit data can be displayed by:

- sold dispensing

- free dispensing

- test dispensing

- value