SANREMO
COFFEEMACHINES

| TITLE  *TITLE* | **FIRMWARE UPDATE F18 5 KEYS / 7 KEYS** | | | | |
|---|---|---|---|---|---|
| NUMBER  *NUMBER* | **097** | DATE | 03/05/2023 | INTRODUCTION DATE | 03/05/2023 |
| ITEM  *ITEM* | | | | MACHINE  *TYPE OF MACHINE* | F18 |
| DESCRIPTION  *DESCRIPTION* | FIRMWARE UPDATE | | | | |

1

| | POWER BOARDS | DISPLAY |
|---|---|---|
| FIRMWARE VERSION | 1.22 | 1.14 |
| CHANGELOG | <ul><li>Added 500ms filter on hot water button reading to prevent activation bounces.</li><li>Added new management of the level probes in the boiler, management of the power limitation function and the configuration of the default variables has been changed.</li></ul> | <ul><li>Added second homepage</li><li>added new reduced user menu page and autosteamer accessible in both homepages.</li><li>Added the possibility to see the temperature of the autosteamer wand .</li></ul> |

*-To update the machine, you need a PC with its programmer*
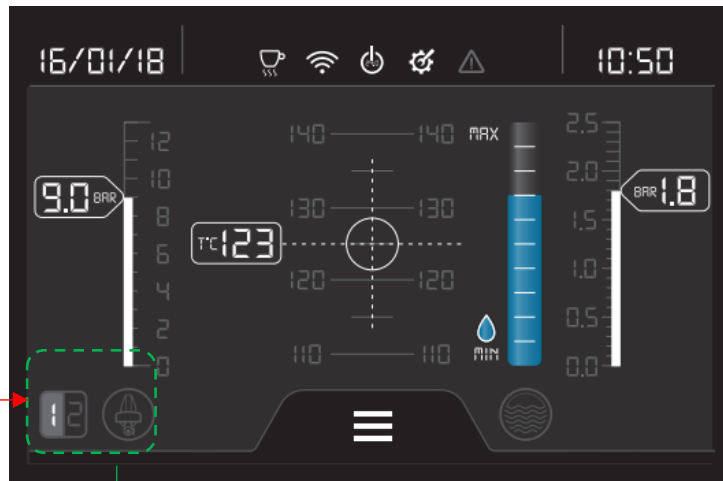
*Programmer Kit Code: 10252074A*

*-It is advisable to update <u>both the Power Board and the Display</u> , and then reset <u>the machine's factory parameters.</u>*

## 2    Tech Changelog

**-Home page**

A new homepage is inserted to allow you to view information previously visible on the oled displays. With this update, the latter only take on the function of seconds counter.

Tapping on this icon displays homepage #1 (the current standard one) or the new #2

Number of group

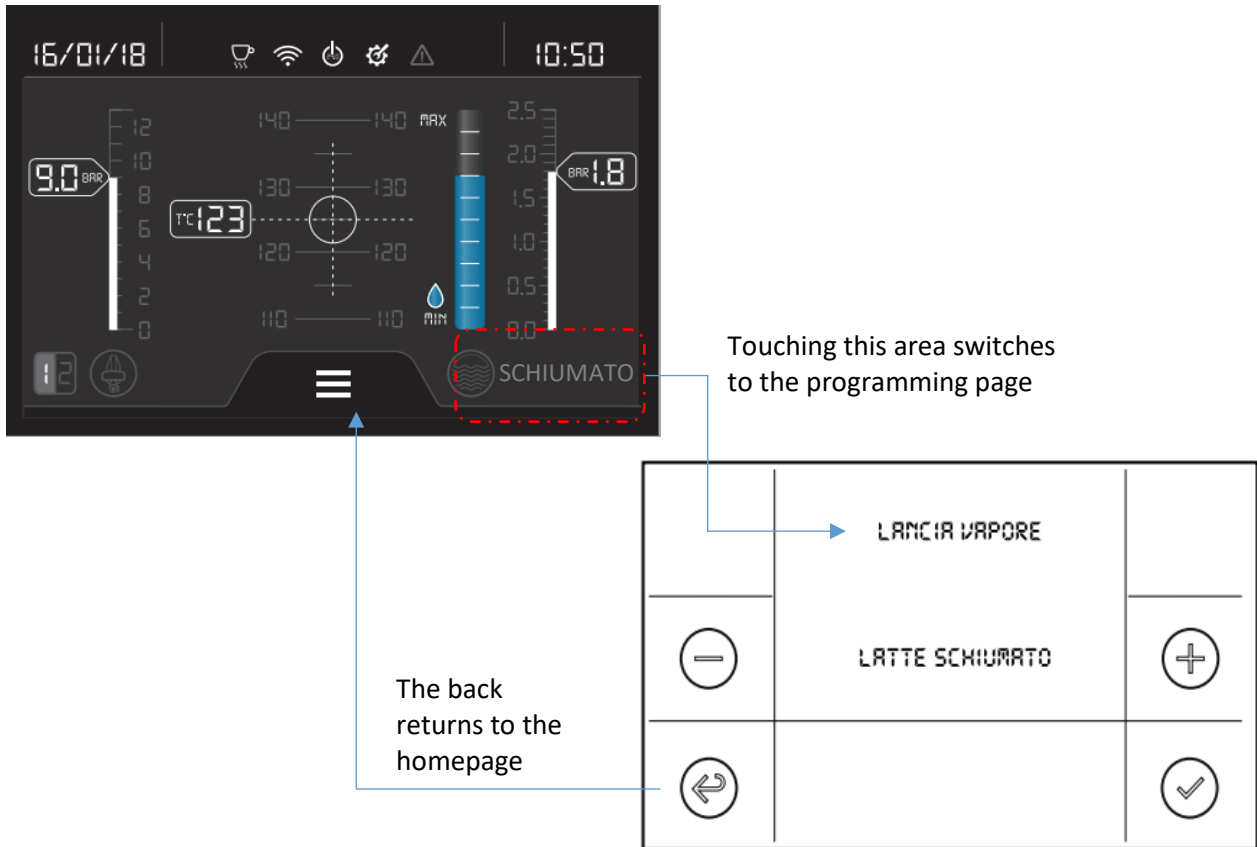Group Temperature

Estraction time

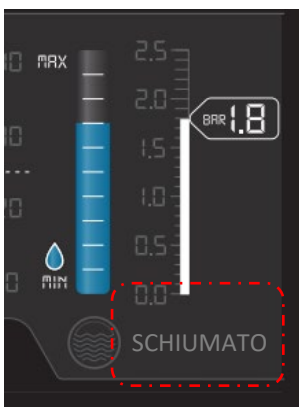Boiler level indicator on 3 levels (same as Homepage #1)

Pressure pump

Service boiler temperature and pressure
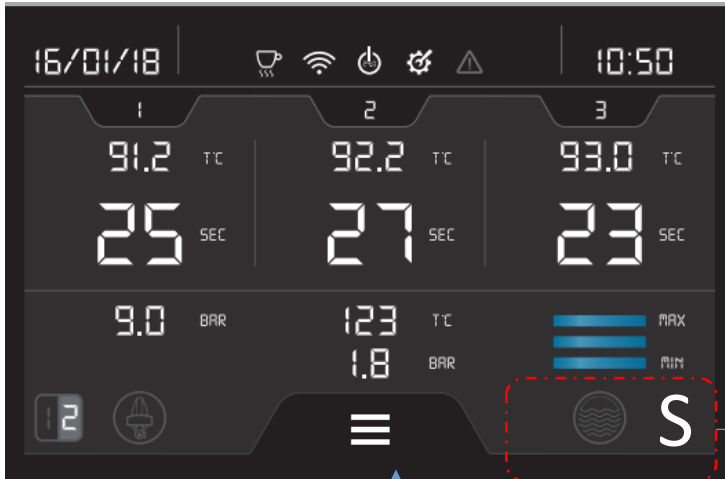
## -Autosteamer setting

If a machine equipped with Autosteamer is used, the key that allows direct access to the settings page of the lance is active and visible on both homepages
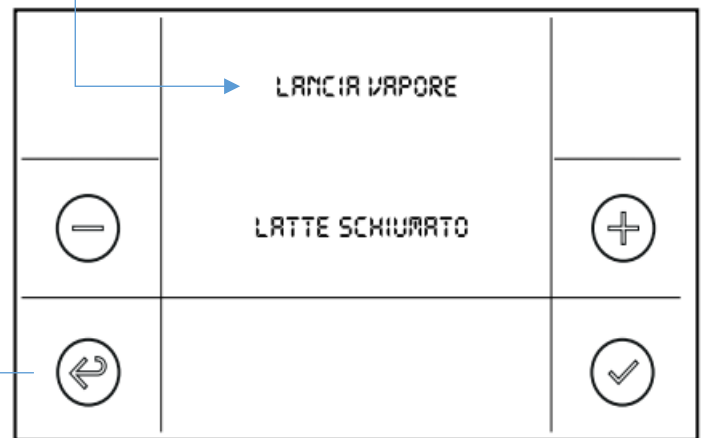


Touching this area switches to the programming page

The back returns to the homepage

The description of the function set in white is shown inside the sensing area. Visible on Homepage #1:



| ITA | ENG | DEU | FRA | SPA |
|-----|-----|-----|-----|-----|
| SCHIUMATO | FOAM | SCHÄUMEN | ÉCUME | ESPUMA |
| CALDO | HOT | AUFHEIZEN | CHAUD | CÁLIDO |
| LAVAGGIO | CLEANING | WASCHEN | LAVAGE | LAVADO |

Touching this area switches to the programming page

LANCIA VAPORE

LATTE SCHIUMATO

The back returns to the homepage

The initial letter in three colors (white/red/blue) of the set function is shown inside the sensing area. This is visible on the Homepage #2



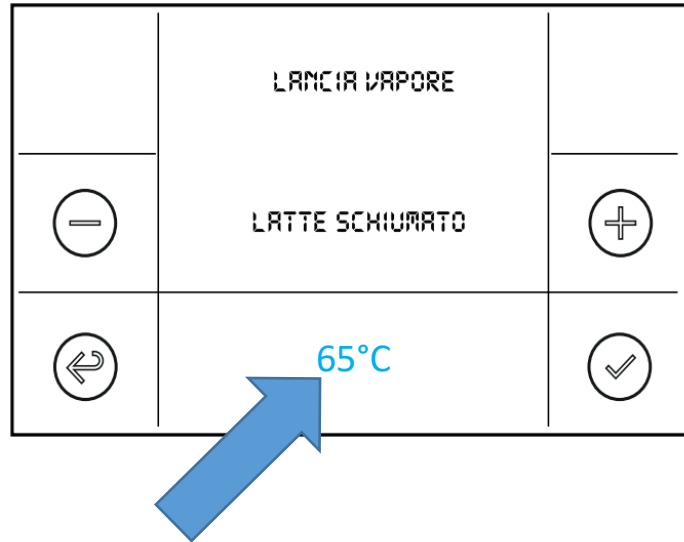| ITA | ENG | DEU | FRA | SPA |
|-----|-----|-----|-----|-----|
| S | F | S | É | E |
| C | H | A | C | C |
| L | C | W | L | L |

- Enabling of **autosteamer lance temperature display**

In the Autosteamer lance working mode setting screen (Foaming/Heating/Washing) it is possible to view the temperature read by the lance probe (in °C/°F depending on the unit of measurement set); this has utility for service technicians.
To display the temperature, press the touch area indicated by the arrow for 3 seconds:
The probe temperature appears in blue as indicated below; the display remains:
1) Until you disable the display by repeating the same procedure used previously.
2) Until the 5 minute timeout expires which is automatically disabled

## -Reduced menu

From the TECHNICAL MENU it is possible to enable a USER "reduced" view designed for the operator, making it impossible to modify some parameters.
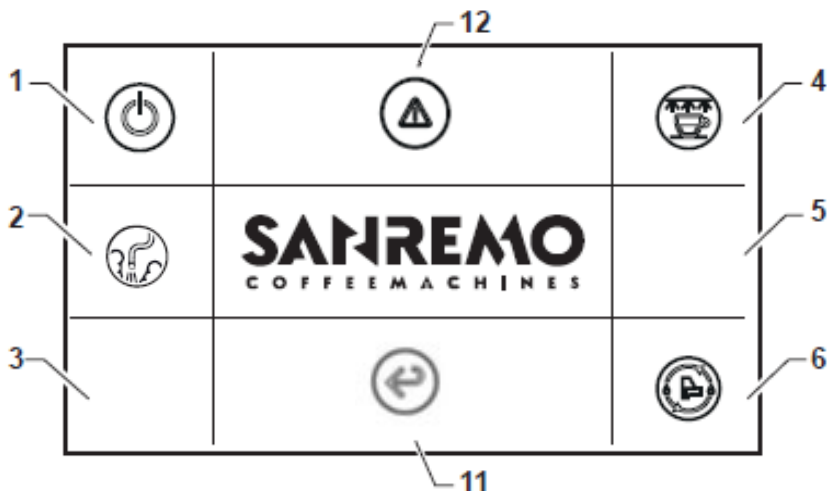In this way the STD USER MENU it's modified, and the functions available will be reduced.

When enabled REDUCED MENU, from the standard homepage, pressing the Menu button for 2 seconds takes you to a NEW LEVEL of user menu which will be called OPERATOR MENU (fig.1 ) .
OPERATOR MENU has only a few items:

- Machine ON/ OFF ( pos . 1)
- Machine lights ON/OFF (pos.4)
- Washing ( pos.6)
- Autosteamer electronic steam wand programming button ( pos . 2) only if enabled and can also be used from the homepage.
- Alarm status display (pos.12). The new item is inserted on the supplier's instructions since access to the "manager" menu passing through the OFF status cancels part of the alarms generated (only the serious ones remain). This is only the visualization without the possibility of deleting them.
- Back button; return to the homepage screen ( pos . 11); screen N°1 or N°2 depending on the one chosen.

Fig.1 new level "OPERATOR MENU"



By pressing the ON/OFF key, the screen now appears as:

- Shutdown confirmation request. Fig.2
- Once confirmed, OFF screen with technical menu access icon (like now). Fig.3

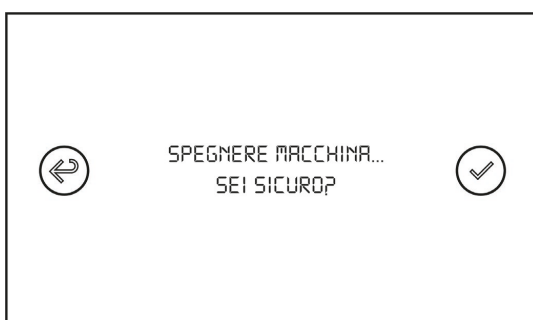Fig.2                                                   Fig.3

At this point, by pressing button B in Fig. 3 for 2 seconds, you access the traditional password setting page (Fig.4), which allows you to access the sections:

1) Menu manager with password 22222
2) User set-up menu with password 33333
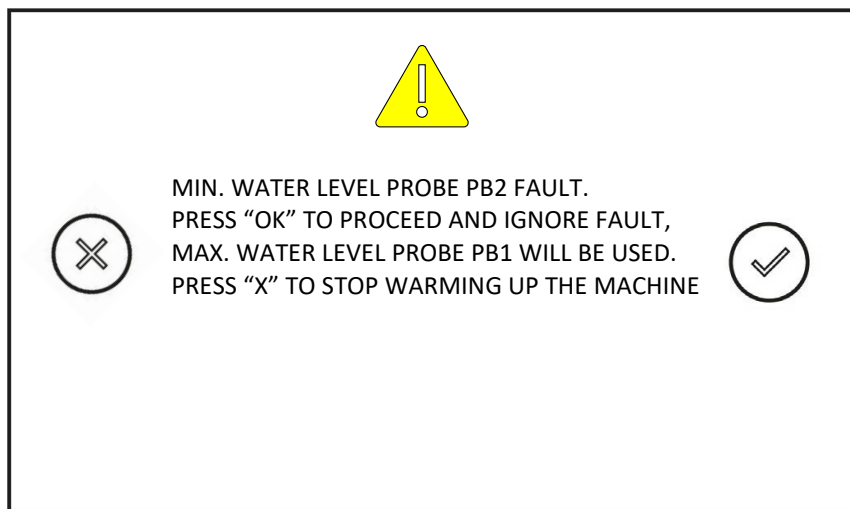3) Technical menu with password 66666

**NOTE**
The enabling of the "reduced" menu also automatically inhibits the programming of the doses by continuously pressing the MANUAL button of group 1; these are used to prevent the operator from changing the machine settings.

**- Minimum level probe management**

It is given the possibility of ignoring possible errors with relative blockage of the machine caused by false readings of the Minimum probe.

In the presence of an anomaly, i.e. minimum probe with no level, but maximum probe with level OK, the operator is warned with the following screen,

MIN. WATER LEVEL PROBE PB2 FAULT.
PRESS "OK" TO PROCEED AND IGNORE FAULT,
MAX. WATER LEVEL PROBE PB1 WILL BE USED.
PRESS "X" TO STOP WARMING UP THE MACHINE

He can then decide whether to ignore the error by pressing the confirmation flag, or by pressing the X the system interrupts the relays by not supplying any more current to the resistors.

**NOTE**
To maintain compatibility with displays with previous FW revision (1.03) if they are not updated together with the power card, this anomaly is also signaled by the flashing of the red LED (key K1 expressed) of all push-button panels. To restart heating, you can both confirm with the flag on the display and press button K1 of any group to proceed with heating.