

# NEW ELECTRONIC COFFEE GRINDER-DOSER DISPLAY

## Fiorenzato



Read these instructions carefully  
before first use.

TRANSLATION OF THE ORIGINAL INSTRUCTIONS  
FROM ITALIAN LANGUAGE



Rev\_00 Ed\_12/2021



<b>1</b>	<b>OPERATOR PANEL</b>	<b>4</b>
1.1	Home Page	4
1.2	Settings Menu	6
1.2.1	Change Dose Times	6
1.2.2	Modes of Operation	7
1.2.3	Grinding Time Visibility	10
1.2.4	Manual Grinding	11
1.2.5	Display Statistics	11
1.2.6	Triple Dose Visibility	11
1.2.7	Screen Brightness	12
1.2.8	Screen Appearance	12
1.2.9	Screensaver	13
1.2.10	Language	13
1.2.11	Date and Time	14
1.2.12	Information	14
1.2.13	Reset Dose Times	15
1.2.14	Administrator Password	15

## 1 OPERATOR PANEL

When the grinder-doser is switched on, the display of the control panel shows the HOME page after a few seconds for the system to start up. This page displays all the function keys required to use and manage the appliance.

Use of the management software adopted by Fiorenzato for its coffee grinder-dosers is highly intuitive and this user guide will allow you to quickly familiarise yourself with the function keys and the various settings of your new device. The panel is of the touch-screen type, which means that function commands, menu navigation and the preferences and operating parameter settings are carried out using a simple tap on the touch sensitive areas on the display.

### 1.1 Home Page

Figure 1 shows the HOME page with a description of the function keys and display fields. The HOME page can be customised using the “Settings menu”, and the image shown in the figure may differ from the screen that is actually displayed on your appliance when it is first switched on.

All the functions accessible using the “Settings menu” are described in sections that follow.

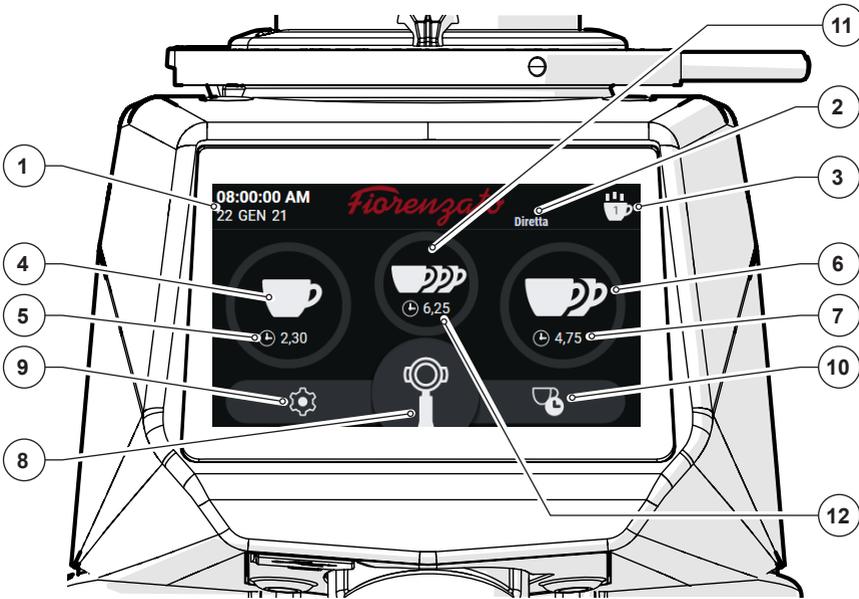


Fig. 1 - Home Page

With reference to Fig. 1, the display fields and function keys on the HOME page are the following:

	Description
1	Display field for current date and time. The data can be set by accessing “ <b>Date and time</b> ” screen using the settings menu (§ 1.2.11).
2	Display field for active “Grinding mode”. Grinding type (Standard, Direct, Automatic or Pre-selection) is selectable using the “ <b>Mode of operation</b> ” screen on the settings menu (§ 1.2.2).
3	“ <b>Statistics</b> ” key. Controls opening of the window with a count of the number of doses dispensed on the current day and week and the total number of doses dispensed since the grinder-doser was first used. To close the “Statistics” window, simply press the “Statistics” function key a second time. The “Statistics” key is only displayed if the “Display statistics” function has been enabled in the settings menu (§ 1.2.5).
4	<b>Single Dose Dispense Key</b> . Enables the dispensing of a single dose of coffee depending on the times set on the “Change dose times” screen (§ 1.2.1). The actual start of grinding varies depending on the active mode of operation (§ 1.2.2).
5	Display field for grinding time set for single dose only. During grinding, displays the countdown time required to complete the dose.
6	<b>Double Dose Dispense Key</b> . Enables the dispensing of a double dose of coffee depending on the times set on the “Change dose times” screen (§ 1.2.1). The actual start of grinding varies depending on the active mode of operation (§ 1.2.2).
7	Display field for grinding time set for double dose only. During grinding, displays the countdown time required to complete the dose.
8	<b>Manual Grinding Key</b> . Hold-to-run control to dispense coffee in manual mode. Coffee grinding, if permitted by “Mode of operation” active (§ 1.2.2), begins when the key is pressed and continues until it is released.
9	<b>Settings Menu Key</b> . Grants access to the settings menu (§ 1.2), which can be used to change the various settings and operating modes of the device.
10	Shortcut key to access the “ <b>Change dose times</b> ” page. Grants direct access to the page to set dose times (§ 1.2.1) without having to use the “Settings menu” (§ 1.2).
11	<b>Triple Dose Dispense Key</b> . Enables the dispensing of a triple dose of coffee depending on the times set on the “Change dose times” screen (§ 1.2.1). The actual start of grinding varies depending on the active mode of operation (§ 1.2.2). The function key is only displayed if the “Triple dose visibility” function has been enabled in the “Settings menu” (§ 1.2.6).
12	Display field for grinding time set for triple dose only. During grinding, displays the countdown time required to complete the dose.

## 1.2 Settings Menu

The “Settings menu” allows you to set and adjust all the parameters and modes of operation of your grinder-doser.

To access the settings menu, press the function key  that is always visible in the lower left-hand corner of the display (see Fig. 1 Part. 9). Once the command has been given, the display will load the menu which can be used to select the parameter to be modified and/or the function to be enabled/disabled by simply scrolling down the list of options until the item has been identified. The Settings menu includes the following items:

### Technical Settings

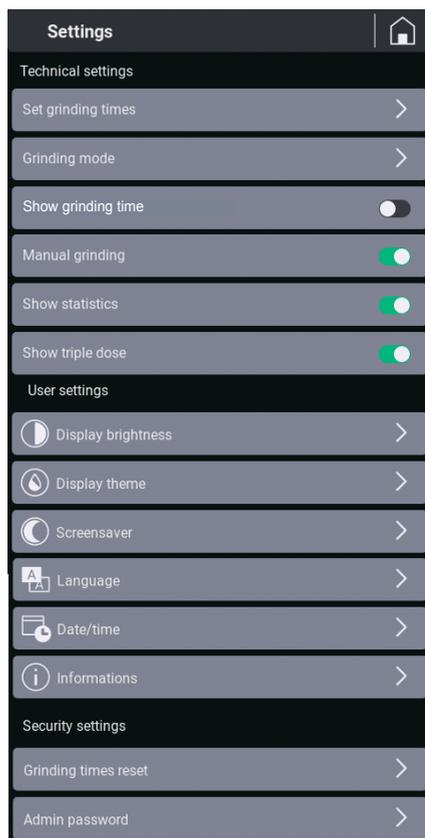
- Change dose times (§ 1.2.1)
- Mode of operation (§ 1.2.2)
- Grinding time visibility (§ 1.2.3)
- Manual grinding (§ 1.2.4)
- Display statistics (§ 1.2.5)
- Triple dose visibility (§ 1.2.6)

### User Settings

- Screen brightness (§ 1.2.7)
- Screen appearance (§ 1.2.8)
- Screensaver (§ 1.2.9)
- Language (§ 1.2.10)
- Date and time (§ 1.2.11)
- Information (§ 1.2.12)

### Safety Settings

- Reset dose times (§ 1.2.13)
- Administrator password (§ 1.2.14)



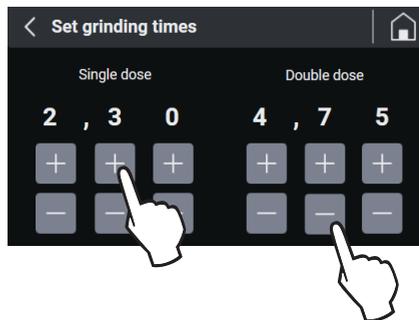
Some items in the menu only allow the specific function to be enabled (ON) or disabled (OFF) using the “” selector, while other items, identifiable using the “” symbol, grant access to a dedicated sub-page to set/edit the parameter. Pressing the function key “”, (always visible in the top right-hand corner on the menu screen) exits the menu and returns to the HOME page. Individual items in the settings menu are described below.

### 1.2.1 Change Dose Times

Pressing the item “Change dose times” using the “Technical Settings” menu grants access to the page to set grinding times for a single dose, double dose or triple dose.

**Note:** The triple dose grinding time is displayed only if the “Triple dose visibility” option has been enabled in the Settings menu (§ 1.2.6).

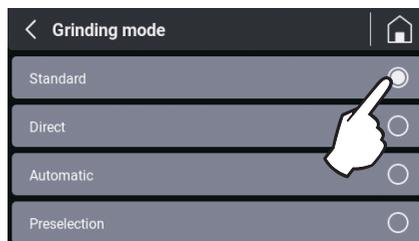
Use the  or  function keys to increase or decrease dispensing times.



## 1.2.2 Modes of Operation

Selecting the “Mode of operation” item using the “Technical Settings” menu takes you to the settings page which can be used to enable one of the four different modes of operation of the grinder-doser (Standard, Direct, Automatic or Pre-selection) by simply selecting the one required.

“Standard” mode is the default when the machine is first switched on. The switch from “Standard” to “Automatic”, “Pre-selection” or “Direct” mode (and vice versa) is retained in the memory even when the grinder-doser has been switched off.



An example of how to dispense coffee depending on different selectable modes of operation is provided below.

- **“Standard” Mode**

Select the desired dose (single, double or triple, if enabled) by pressing the respective function key (see Fig. 1 Part 4, 6 or 11). The icon on the pressed key begins flashing to indicate that a selection has been made.

Control the start of grinding by pressing the start microswitch with the filter holder cradle. Once the command has been given, the grinder-doser is started for the grinding time corresponding to the specific dose to be dispensed.

Press the **“Manual Grinding”** hold-to-run key (See Fig. 1 Part 8) to start continuous grinding. Grinding stops automatically when the key is released.

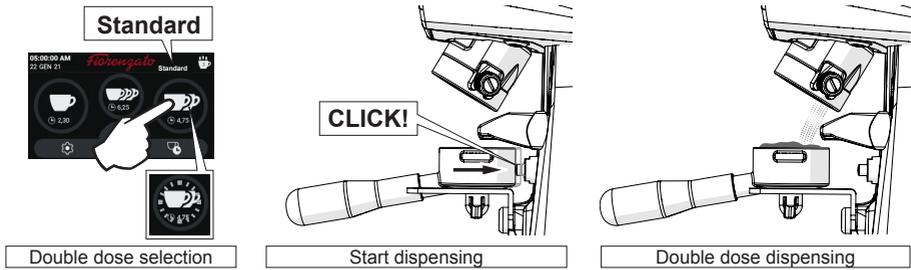


Fig. 2 - Double dose dispensing in “Standard” mode.

- **“Direct” Mode**

Press the respective function key for a single, double or triple dose (see Fig. 1 Part 4, 6 or 11); once the command has been given, grinding of the desired dose begins immediately.

Press the **“Manual Grinding”** hold-to-run key (See Fig. 1 Part 8) to start continuous grinding. Grinding stops automatically when the key is released.

In this mode of operation, the start microswitch and all dose selection keys are disabled (see Fig. 1 Part 4, 6, 8 and 11) can be enabled.

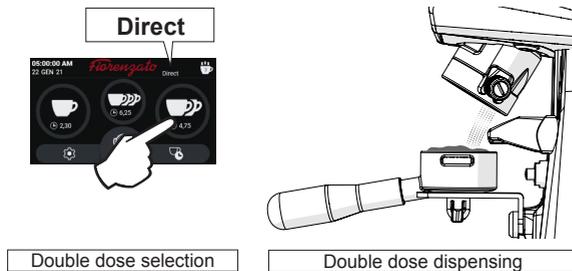


Fig. 3 - Double dose dispensing in “Direct” mode.

- **“Automatic” Mode**

Press the start microswitch with the filter holder cradle once to begin grinding a single dose. Press the start microswitch twice in quick succession to begin grinding a double dose of coffee. The dispensing of a triple dose, when enabled, is controlled by pressing the start microswitch three times in rapid succession. Once the command has been given, the grinder-doser is started for the grinding time corresponding to the specific dose to be dispensed.

In this mode, manual grinding (see Fig. 1 Part 8) and single, double and triple dose selection keys (see Fig. 1 Part 4, 6 and 11) are disabled.

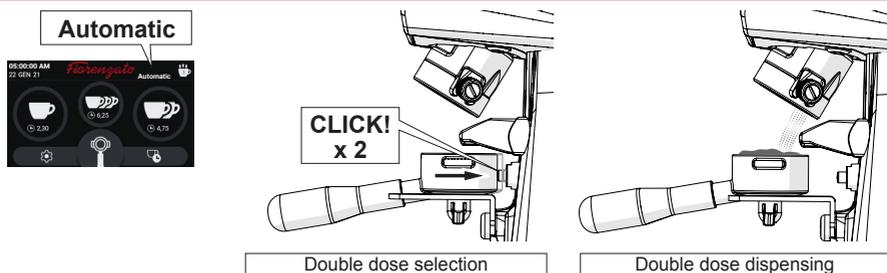


Fig. 4 - Double dose dispensing in “Automatic” mode.

- **“Pre-selection” Mode**

Select the desired dose (single, double or triple, if enabled) by pressing the respective function key (see Fig. 1 Part 4, 6 or 11). When the selection has been made, the icon on the pressed key begins flashing to indicate that a selection has been made and remains activated until a different dose is selected. Press the start microswitch with the filter holder cradle (once) to begin grinding the selected dose.

In this mode, manual grinding (see Fig. 1 Part 8) stays enabled.

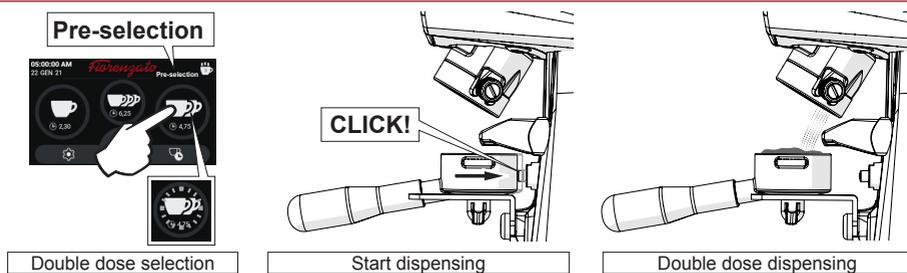


Fig. 5 - Example of double dose dispensing in “Pre-selection” mode.

Regardless of the set mode of operation:

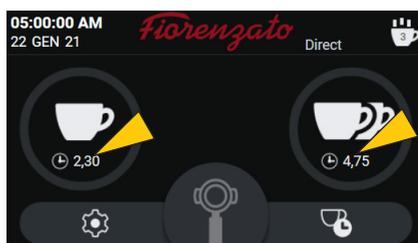
- During grinding, the countdown time required to complete the selected dose is displayed (in seconds and tenths of a second), only if the “Grinding time visibility” option is enabled. During manual grinding, the time (ascending) represents the grinding duration.
- Statistical counters are updated at the completion of each dispensing routine. (see Fig. 1 Part 3). In the statistics, continuous grinding (see Fig. 1 Part 8) corresponds to a single unit increase in the number of dispensed coffees. Grinding cycles are stored even if the option “Display statistics” is disabled in the technical settings menu.

### 1.2.3 Grinding Time Visibility

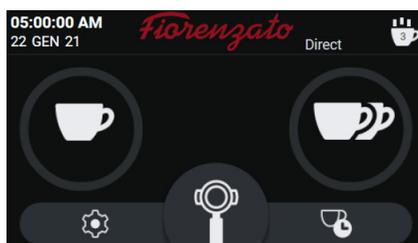
When “Grinding time visibility” in the “Technical settings” menu is enabled (  ), the times set for the different doses are displayed on the HOME screen.

During dispensing, the time for the selected dose is decreased in real time until it reaches “0” (zero) at the end of grinding. In the case of manual grinding, the time is displayed in increments and indicates the progressive duration of actual dispensing.

If the “Grinding time visibility” option is disabled (  ), dosing times are not displayed on the HOME screen.



HOME with visible grinding times



HOME with non-visible grinding times

### 1.2.4 Manual Grinding

Enables (☑️) or disables (☒) manual grinding mode.

When manual grinding (Fig. 1 Part 8) is disabled, the respective function key cannot be selected and is greyed out.



HOME with manual grinding disabled

### 1.2.5 Display Statistics

Enables (☑️) or disables (☒) display of the “Statistics” function key on the HOME screen (see Fig. 1 Part 3).

**Note:** The dispensed dose count is incremented and saved in memory even if the “Display statistics” option is disabled.



HOME with “Statistics” key disabled

### 1.2.6 Triple Dose Visibility

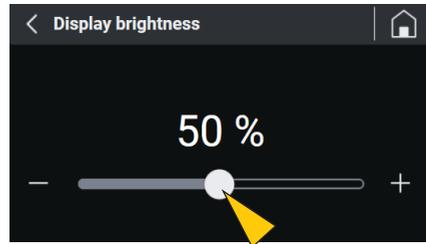
Enables (☑️) or disables (☒) the display and management of the triple dose function key using the HOME screen.



HOME with “Triple dose” key enabled

### 1.2.7 Screen Brightness

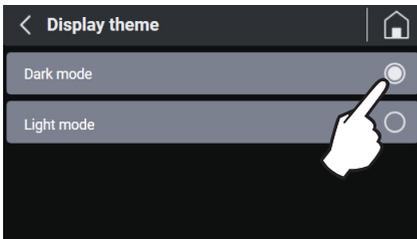
Selecting the item “Screen brightness” grants access to the screen shown in the figure, which can be used to increase or decrease the brightness of the screen by simply moving the adjustment cursor to the right (increase) or left (decrease).



HOME with “Triple dose” key enabled

### 1.2.8 Screen Appearance

Selecting the item “Screen appearance”, grants access to the screen shown in the figure, which can be used to choose whether to display screens in “Black” (Dark mode) or “White” (Light mode).



The different modes in which the screens are displayed does not affect other options and/or the various parameters that can be set.



HOME in “Black” mode



HOME in “White” mode

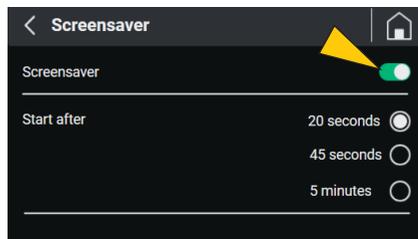
### 1.2.9 Screensaver

Selecting “Screensaver” grants access to the screen shown in the figure, which can be used to enable (  ) or disable (  ) the function and select the idle time before it starts.

The screensaver idle time can be set for 20”, 45” or 5 minutes of inactivity.

When enabled, the display enters energy saving mode after the selected time has elapsed and displays only the manufacturer’s logo and the current date and time.

To exit screensaver mode, simply touch the display.



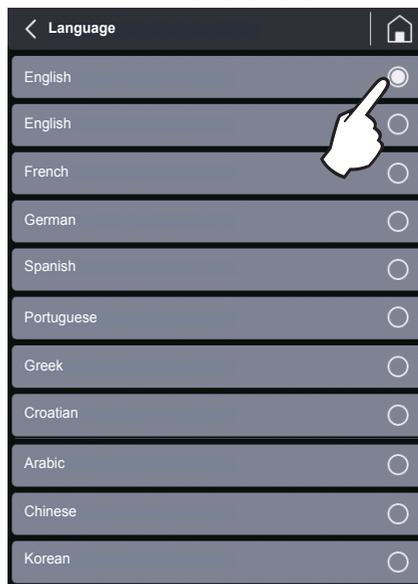
HOME with “Triple dose” key enabled

### 1.2.10 Language

Select “Language” to grant access to the screen to change the panel display language. Once a language has been selected, all menus and function keys will be displayed in that language.

The available languages are:

- Italian
- English
- French
- German
- Spanish
- Portuguese
- Greek
- Croatian
- Arabic
- Chinese
- Korean



Select language

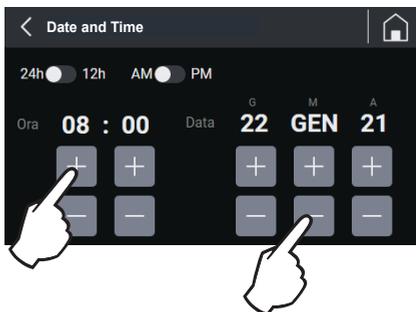
### 1.2.11 Date and Time

The “Date and Time” item grants access to the current date and time settings page.

By means of the two selectors (  ) the time can be set to 24 or 12 hours and, in the case of 12 hours, the time bands “AM” or “PM” must be specified to allow the system to update the date correctly at midnight.

To adjust the time (hours and minutes) or the date (day/month/year), use the function keys  or  (with a single tap or continuous).

Note: The settings are saved in the memory in real time, so when you leave the menu, the HOME page will display the correct date and time.

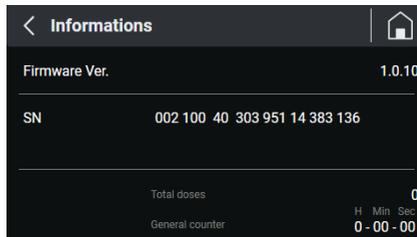


Date and time adjustment

### 1.2.12 Information

Selecting “Information” using the settings menu takes you to the page shown in the figure where you can find the following information:

- The version of the firmware installed on the panel;
- The serial number of the panel installed on the appliance;
- The total number of doses dispensed since the device was first commissioned;
- The main counter that indicated the total time the appliance has been in operation (operating time of the grinder drive motor)



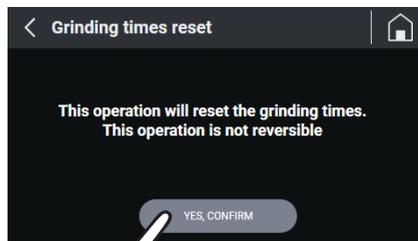
“Information” page

### 1.2.13 Reset Dose Times

The “Reset dose times” item grants access to the reset page illustrated in the figure, which can be used to reset the dose times customised by the user, and restore the factory default parameters set by the manufacturer.

**Caution:** The “Reset dose times” command is irreversible and results in the loss of the user’s customised dose times. To prevent accidental loss of set times, the system will request the user to confirm the action by pressing the “YES, CONFIRM” key before restoring the factory default times.

Returning to the menu [  ] or loading the HOME page [  ] without confirming the Reset will retain the customised times in the memory.



Reset dose times

### 1.2.14 Administrator Password

Pressing the “Administrator password” (final item in the “Settings menu”) loads the authentication page illustrated in the figure. This page allows only authorised technicians to access the reserved pages that contain a number of settings and functions to initialise the device.

**Note:** The numerical authentication password is not provided to the end user but only to the manufacturer’s specialist technicians and authorised dealers.



Authentication for access to password-protected pages

*Fiorenzato*

**Fiorenzato M.C. S.r.l.**

Via Rivale, 18 - Santa Maria di Sala (VE) - ITALY

Tel. +39/049 628716 - Fax. +39/049 8956200

info@fiorenzato.it - [www.fiorenzato.it](http://www.fiorenzato.it)