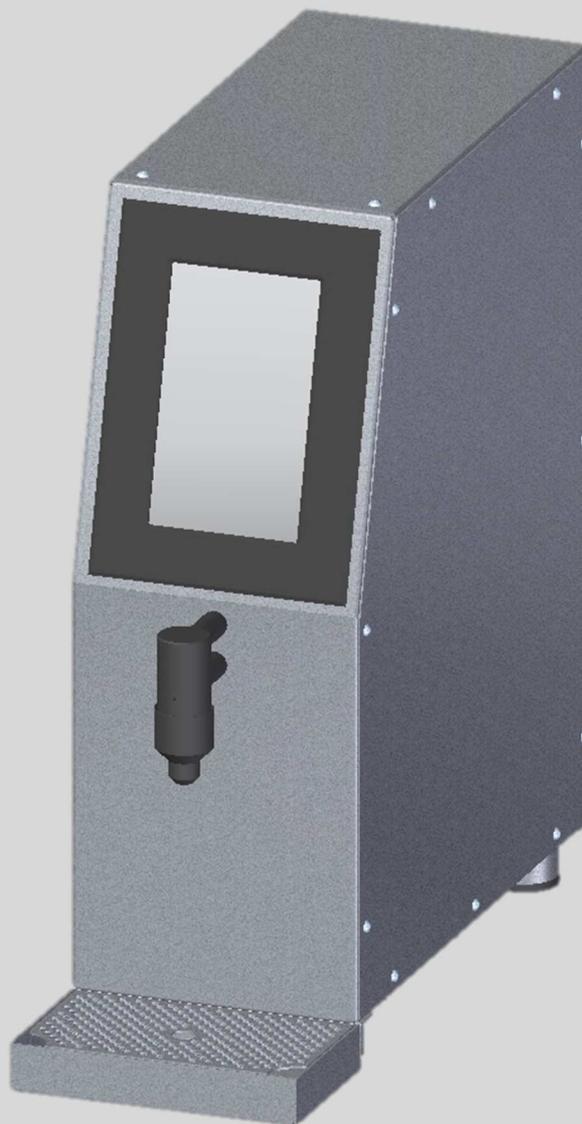


# BARISSIMA

## Technician's Manual

V 1.00 / 02.2015 / English



VERON Austria



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### 1.1 Note

This technician's manual is an addition to the user manual and may be used only together with just this.

Please observe the safety guidelines as described in detail in the user manual.

This technician's manual may only be used by authorized service technicians and must not be passed on to third parties under any circumstances.

### 1.2 Service and Address

You have questions on how to operate your milk foamer or you need an appointment for maintenance or repair with our VERON customer service?

VERON is constantly striving to provide good service!

#### **VERON Customer Service**

VERON Austria GmbH

E-Mail: [technik@veron-austria.com](mailto:technik@veron-austria.com)

#### **Name and Address of the Warrantor**

VERON Austria GmbH

Untere Sparchen 25

6330 Kufstein, Austria

Tel.: +43 (0)5372 22496

Fax: +43 (0)5372 22496 -10

E-Mail: [info@veron-austria.com](mailto:info@veron-austria.com)

## 2 Settings

### 2.1 Technician's menu Settings

#### 2.1.1 PIN-Clearance



The Customer menu is protected by a PIN (Personal Identification Number). To access this PIN-protected level "XXXXXX" must be entered.

#### 2.1.2 PIN-Clearance in Self-service mode



In self-service mode, the bottom row of buttons is automatically hidden.

To make them visible again, the model emblem on the display has to be pressed for 5 seconds.

If the self-service mode is enabled, the bottom row of buttons will disappear 15 seconds after the last input.

### 2.1.3 Cleaning



Menu ⇒ Cleaning  
Scroll to the last display page.  
Here the cleaning program can be started.

### 2.1.4 Milk system load up



Menü ⇒ Milk system load up  
Scroll to the last display page.  
Here the milk lines can be filled.

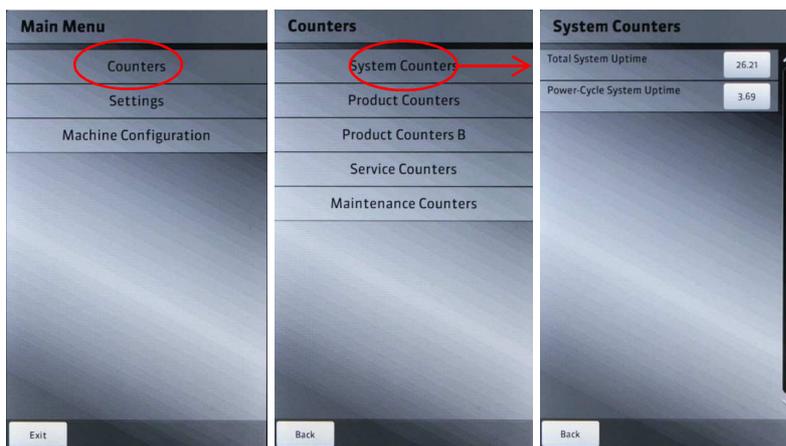


#### **Note!**

The milk lines must be filled at the start of operation, in order for you to have milk products available.

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## 2.1.5 Counter

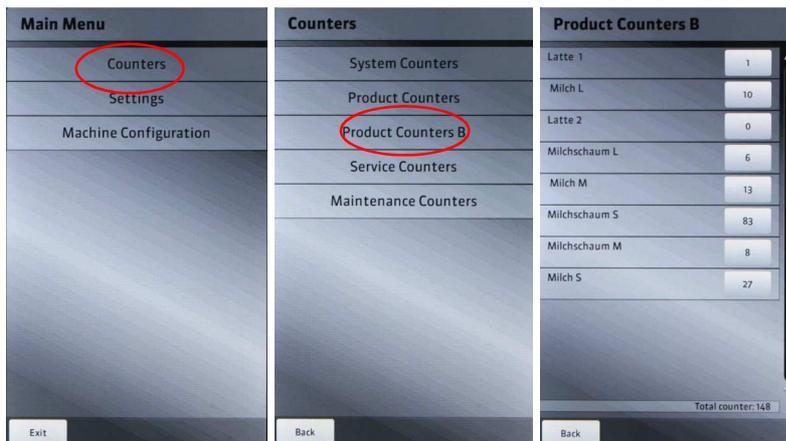


Menu ⇒ Counter ⇒ System Counter  
 The operating hours are listed here.



Menu ⇒ Counter ⇒ Product Counter

- The used amount per product is listed here.
- **Individual counter reset:** Press the respective product counter and confirm with "Yes".
- **Reset all counters:** Press the "Reset" button and confirm with "Yes".



Menu ⇒ Counter ⇒ Product Counter B

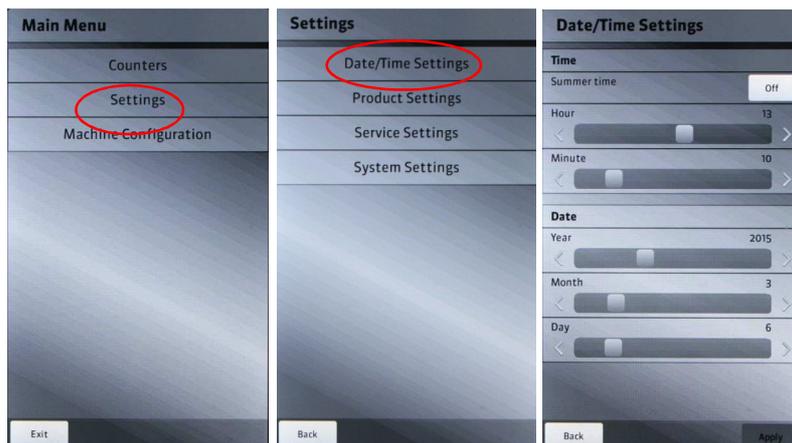
- The dispensed amount for each product is shown.
- The counter cannot be reset.
- Shows the total consumed amount since the first operation.



Menu ⇒ Counter ⇒ Service counter

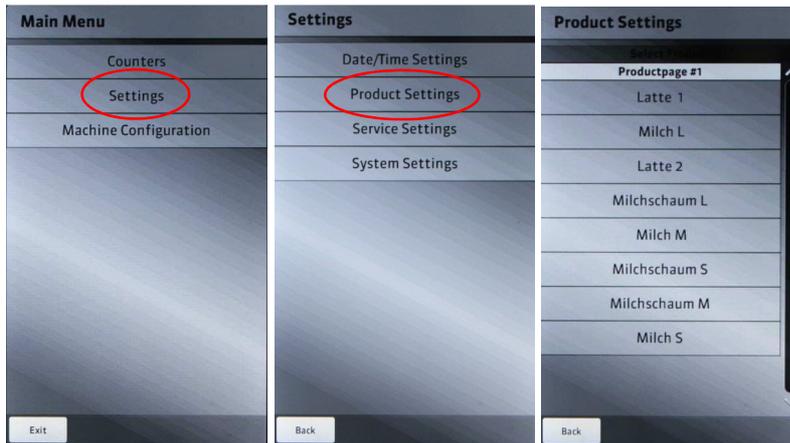
- Shows the number of cleanings and rinses since the last reset.
- **Individual counter reset:** Press the respective product counter and confirm with "Yes".
- **Reset all counters:** Press the "Reset" button and confirm with "Yes".

## 2.1.6 Date and Time



Menu ⇒ Settings ⇒ Date and Time

## 2.1.7 Key Settings

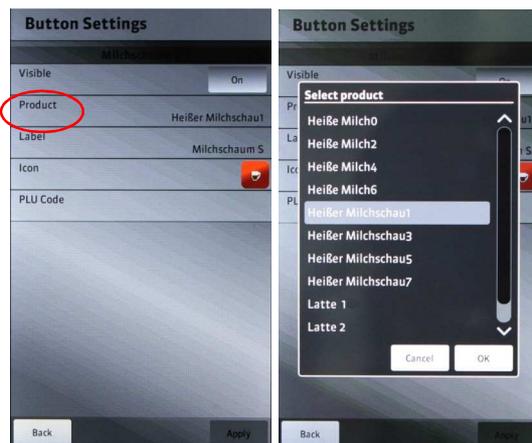


Menu ⇒ Settings ⇒ Key Settings

- Here the keys can be set individually for each customer.
- Select the desired product key.



- Sets whether the product key is visible on the operating display.



- Select a preset product.



- Enter the name of the product that will appear on the operating display.



- Select the icon that is displayed on the operating display for the product.

## 2.1.8 Milk foam amount



Menu ⇒ Settings ⇒ Product Settings

- Select the product you want to adjust.
- Specify the product amount in seconds.
- Enter the desired amount of product with the arrow buttons.
- Place a cup under the outlet.
- Test the product with the "Test" button.
- Confirm the setting with "Apply".
- If you want to exit without confirmation, press the button "Back".

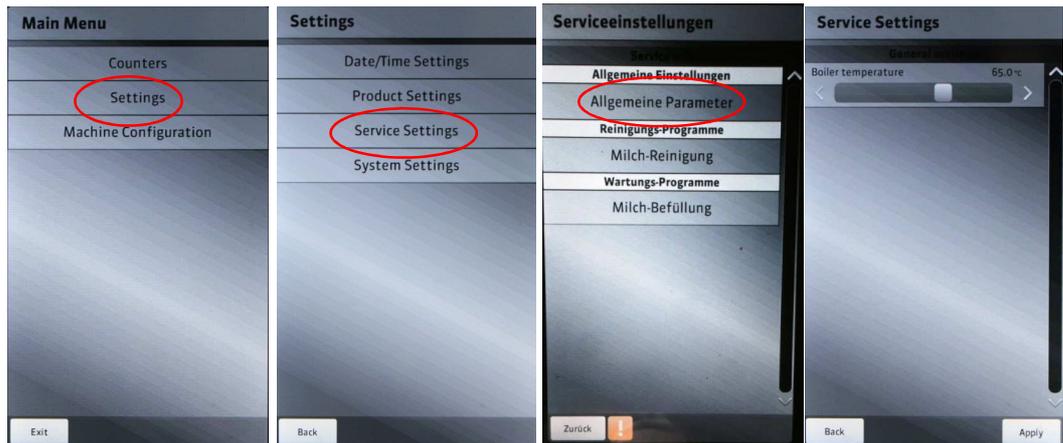
## 2.1.9 Milk amount



Menu ⇒ Settings ⇒ Product Settings

- Select the product you want to adjust.
- Specify the milk amount in seconds.
- Enter the desired milk amount with the arrow buttons.
- Place a cup under the outlet.
- Test the product with the "Test" button.
- Confirm the setting with "Apply".
- If you want to exit without confirmation, press the button "Back".

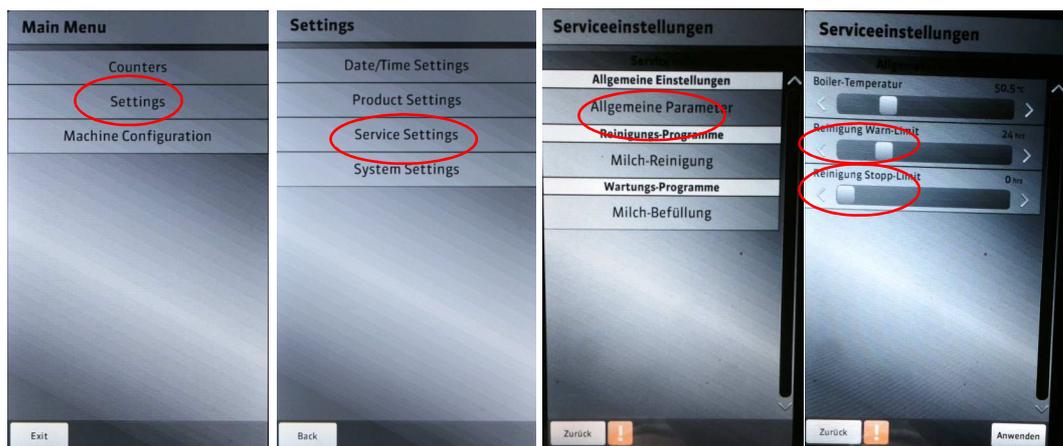
## 2.1.10 Boiler Temperature



Menu ⇒ Settings ⇒ Service Settings ⇒ General Parameters

- Recommended boiler temperature 62°C to 70°C.
- Enter the desired temperature using the arrow buttons.
- Confirm the setting with "Apply".
- If you want to exit without confirmation, press the button "Back".

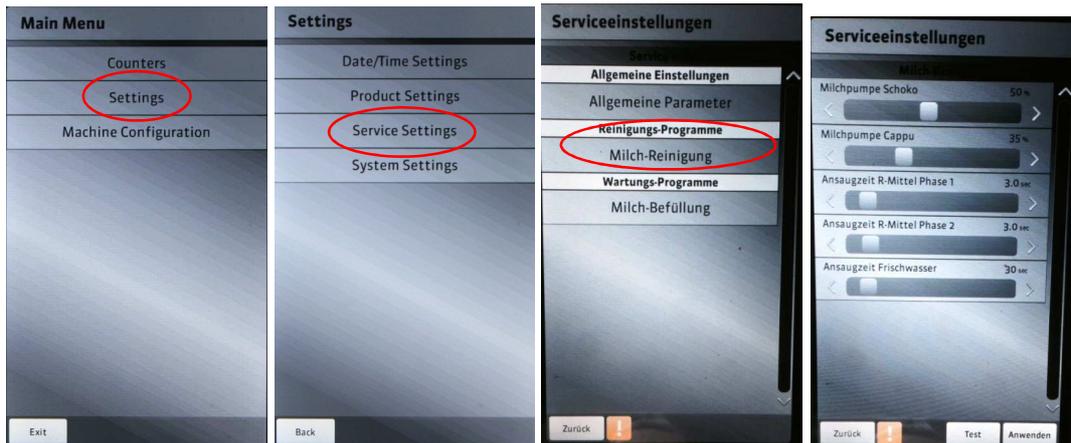
## 2.1.11 Cleaning Limits



Menu ⇒ Settings ⇒ Service Settings ⇒ General Parameters

- **Cleaning Warning Limit:** If the period after the last full cleaning exceeds this value, a warning message appears on the display.
- **Cleaning Stop Limit:** If the period after the last full cleaning exceeds this value, the machine will be blocked for usage. To unlock it, a full cleaning has to be performed.
- Set the desired time with the regulator.
- Confirm the setting with "Apply".
- If you want to exit without confirmation, press the button "Back".

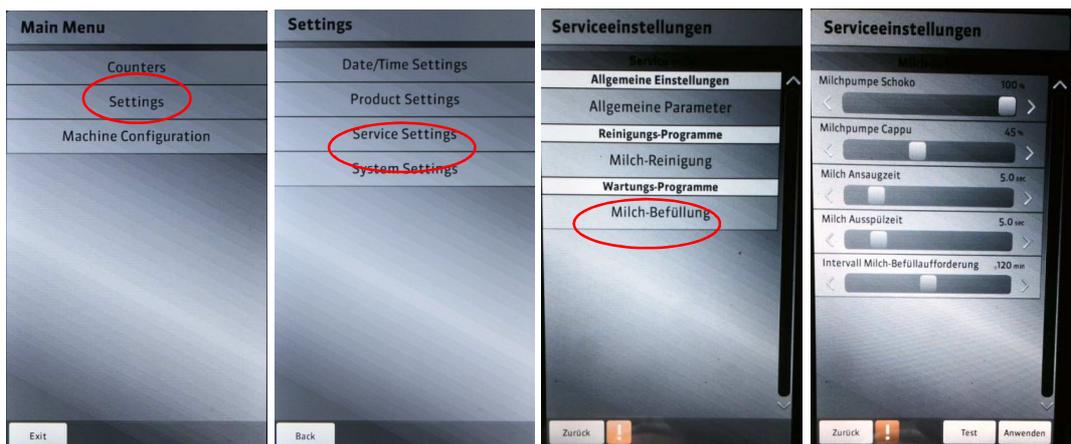
## 2.1.12 Adjust Cleaning Programs



Menu ⇒ Settings ⇒ Service Settings

- Select the product that you want to adjust.
- Set the desired cleaning parameters.
- Confirm the setting with "Apply".
- If you want to exit without confirmation, press the button "Back".

## 2.1.13 Adjust Milk system load up

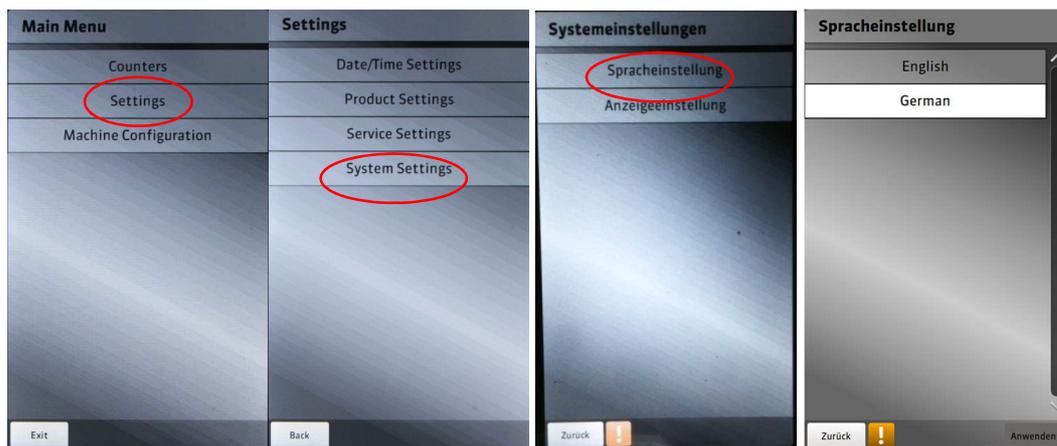


Menu ⇒ Settings ⇒ Service Settings ⇒ Milk system load up

Here are the settings for the Milk system load up

- Set the desired parameters.
- Confirm the setting with "Apply".
- If you want to exit without confirmation, press the button "Back".

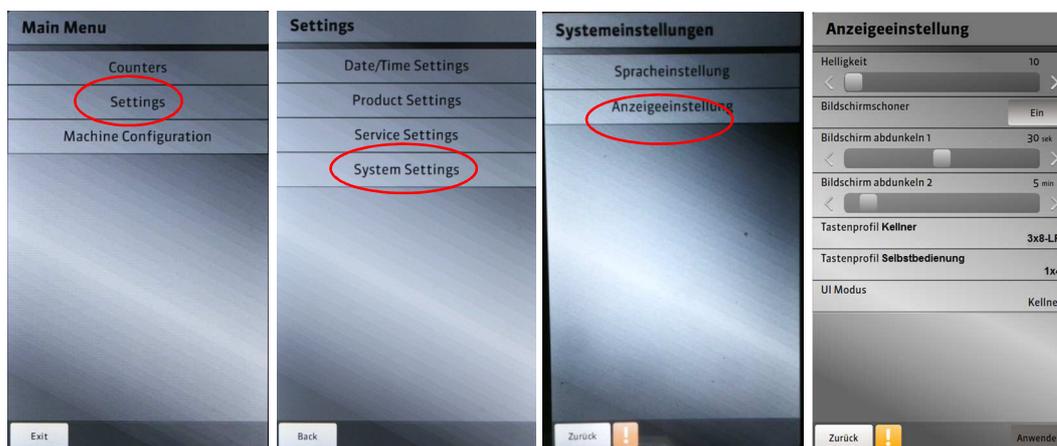
## 2.1.14 Language Settings



Menu ⇒ Settings ⇒ Service Settings ⇒ Language Settings

- Changes the entire menu to the desired language.
- Product names must be entered manually. Refer to chapter 2.1.7 "Key Settings".
- Product names can also be uploaded via USB.

## 2.1.15 Display Settings



Menu ⇒ Settings ⇒ Service Settings ⇒ Display Settings

- Activate or deactivate the screen saver.
- Dim Display 1: Timing of when the display is dimmed 30%
- Dim Display 2: Timing of when the display is dimmed 50%.
- Key profile waiter: arrangement of the keys.
- Key profile self- service: arrangement of the keys.
- Key set up for waiter: Position of the bottoms
- Key set up for self-service: Position of the bottoms
- Mixed Modus: Switchable between waiter and self-service mode.

## 2.1.16 Key Profile



Sie haben die Möglichkeit das Tastenprofil der Produkttasten für den Kellner- bzw. den Selbstbedienungs-Modus zu ändern.

You have the option to change the key profile of the product key for the waiter or the self-service mode.

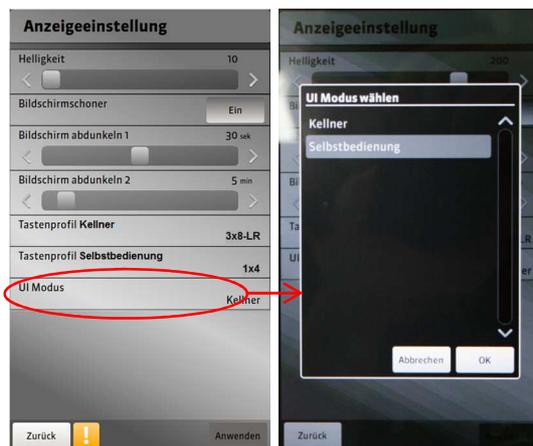
Menu ⇒ Settings ⇒ Service Settings ⇒ Display Settings ⇒ Key Profile Waiter / Self-Service

You can choose from the following key profiles:

- 1x2 keys
- 1x2 keys left / right
- 1x4 keys
- 1x4 keys left / right
- 3x8 keys
- 3x8 keys left / right

Confirm the selection with "OK" and press "Apply" in the display settings.

## 2.1.17 Change Display mode



To activate the self-service or the waiter mode, proceed as follows:  
 Menu ⇒ Settings ⇒ Service Settings ⇒ Display Settings ⇒ Mixed Modus  
 Confirm the selection with "OK" and press "Apply" in the display settings.

Now the settings for each mode are saved, and the machine can be used.

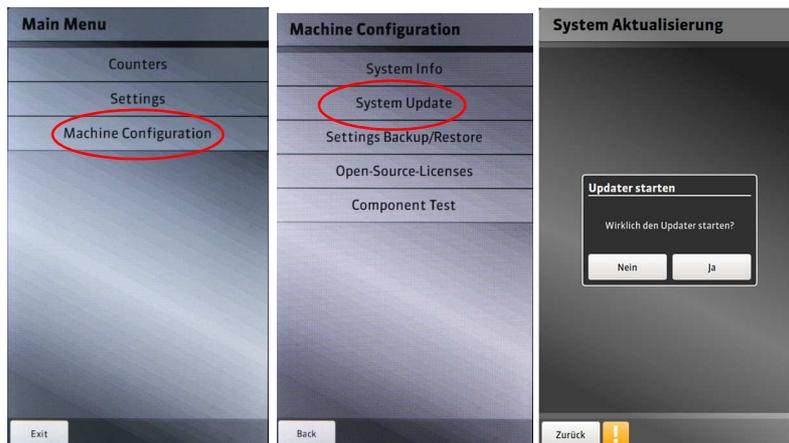
## 2.1.18 System Information



Menu ⇒ Machine Configuration ⇒ System Information

- 1 Serial number of the machine
- 2 Serial numbers of the boards
- 3 Software version
- 4 Machine options

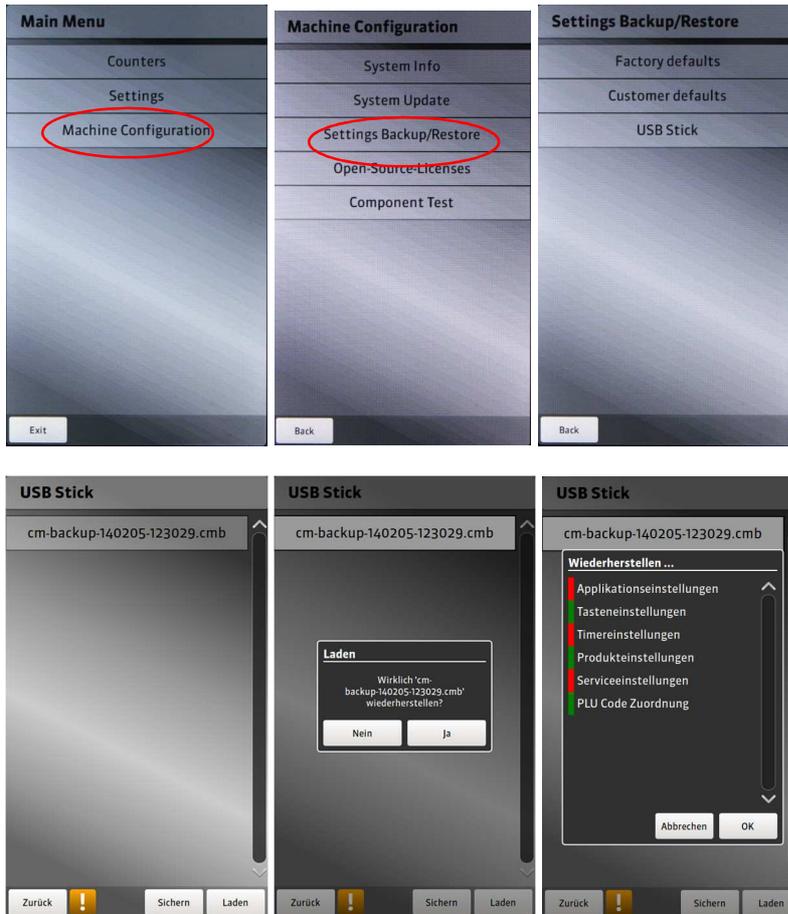
## 2.1.19 System Update



Menu ⇒ Machine Configuration ⇒ System Update

- Plug in the USB-Stick.
- Start the update.
- If you want to exit without confirmation, press the button "Back".

## 2.1.20 Save / Load Settings

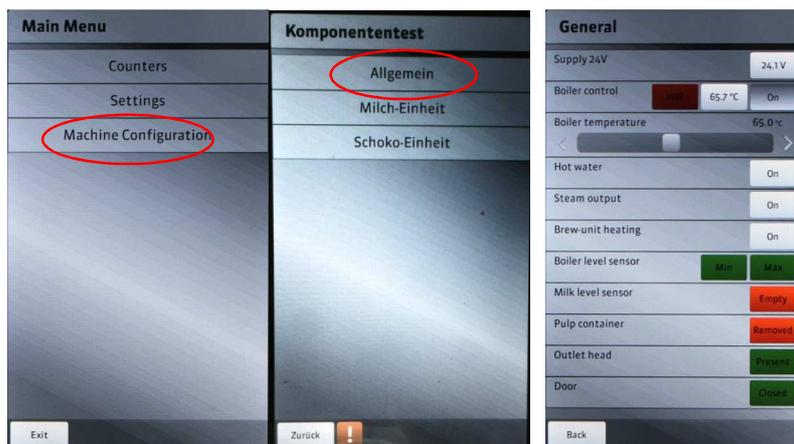


Menu ⇒ Machine Configuration ⇒ Save / Load Settings

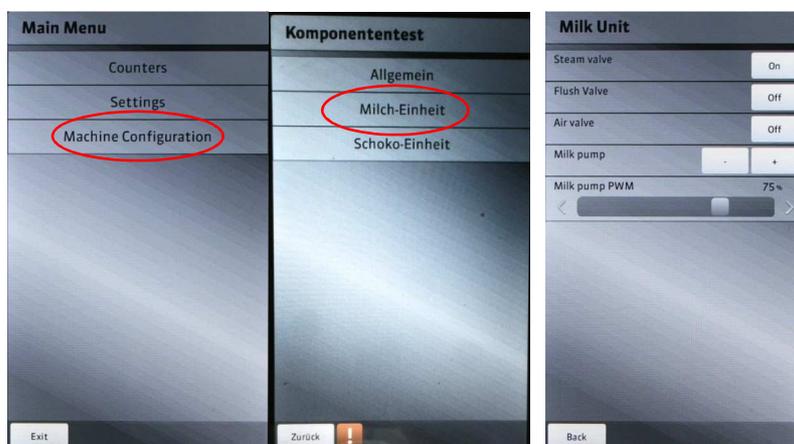
- Select the desired option.
- Save or load the desired setting.
- The green marked fields are loaded onto the machine.
- Fields marked in red are not loaded onto the machine.
- If you want to exit without confirmation, press the button "Back".

## 2.1.21 Component Test

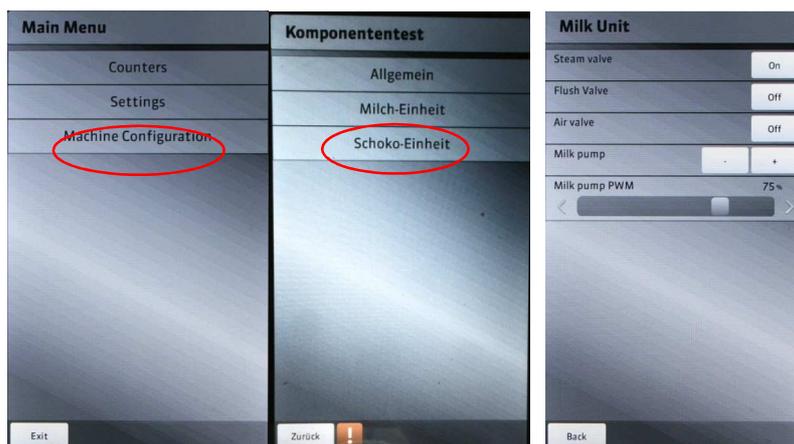
The component tests are started after the service of the machine to test the components on their function.



Menu ⇒ Machine Configuration ⇒ Component Test ⇒ General

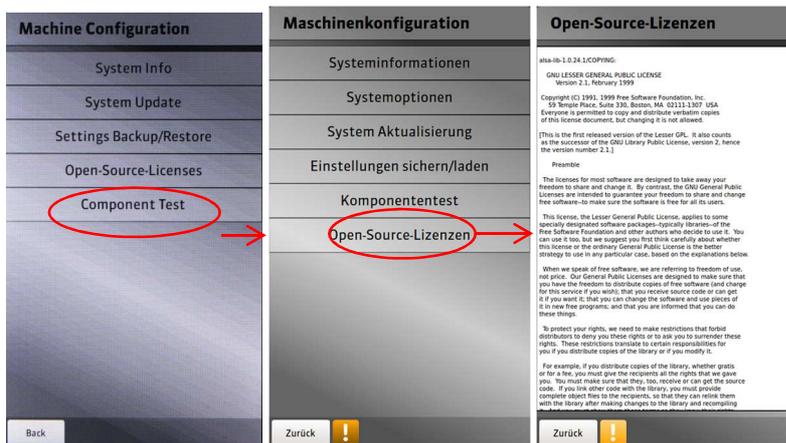


Menu ⇒ Machine Configuration ⇒ Component Test ⇒ Milk Unit



Menu ⇒ Machine Configuration ⇒ Component Test ⇒ Chocolate Unit

## 2.1.22 License Information



Menu ⇒ Machine Configuration ⇒ Open Source Licenses

## 2.1.23 Manually activate Standby mode

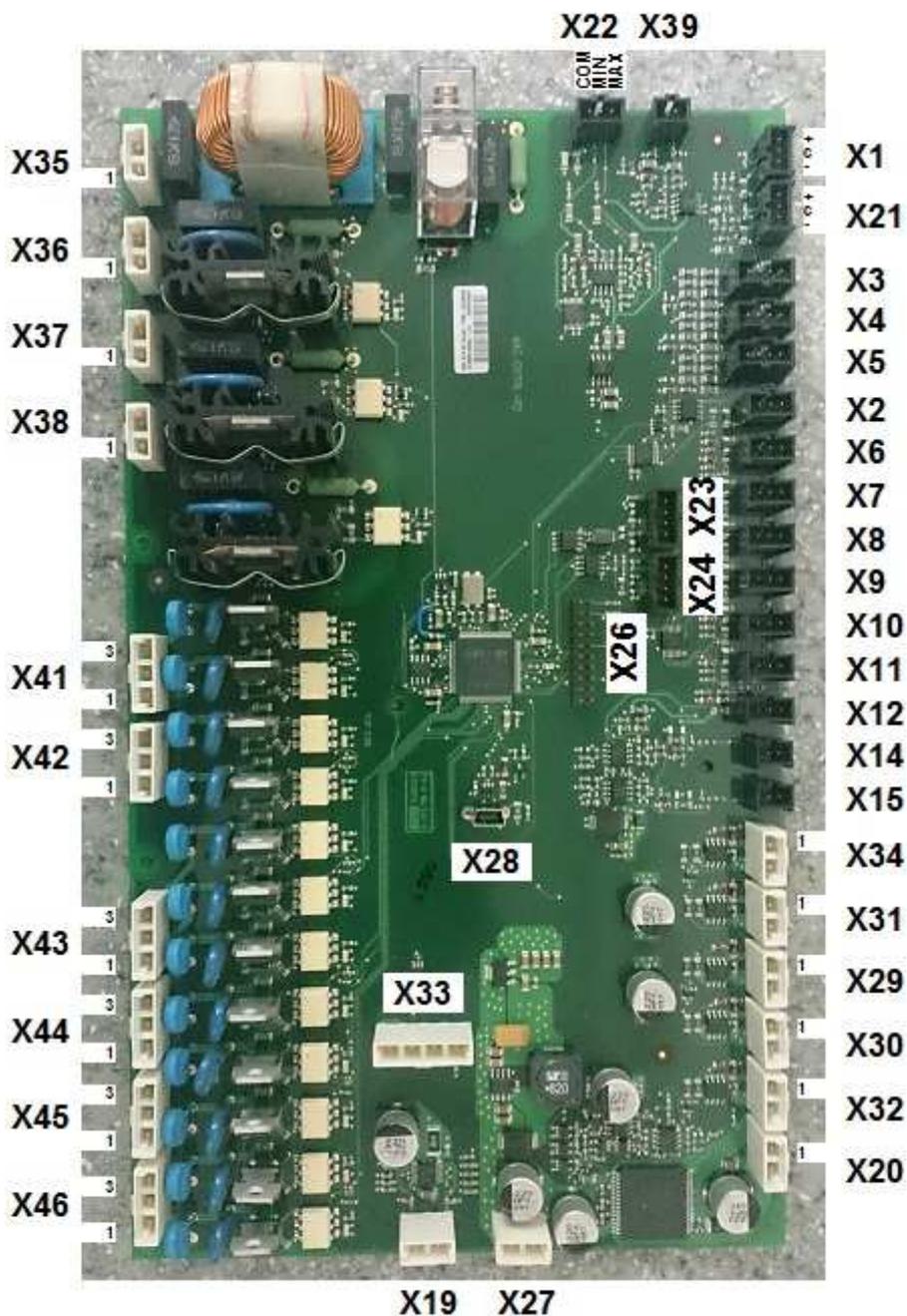


Menu ⇒ Standby Mode  
 Scroll to the last display page.  
 Here you can turn on the standby mode.

### 3 Technical Documents BARISSIMA

#### 3.1 Motherboard Assignments BARISSIMA

##### 3.1.1 Motherboard Assignments



### 3.1.2 Motherboard connection table BARISSIMA

X35		Power supply 230VAC
X36		
X37		
X38		
X41/3		
X41/1		
X42/3		
X42/1		
X43/3	M4	Output valve milk foam
X43/1		
X44/3		
X44/1	L3	Output valve air milk foam
X45/3		
X45/1		
X46/3		
X46/1		
X19		
X20		
X29		
X27		Power supply 24 VDC
X30		
X31		Output Heating SSR
X32		
X33	M2	Output Premium milk pump Cappuccino
X34	L2	Output air pump
X1		
X2		
X3		
X4		
X5		
X6		
X7		
X8		Input outlet head sensor
X9		
X10		Input milk sensor 1
X11		
X12		
X14		
X15		Input boiler temperature sensor
X21		
X22		
X23		Input CAN bus
X24		Input RS485
X26		Input programming
X28		Input USB Display board
X39		

### 3.1 Fluid scheme BARISSIMA

#### 3.1.1 Fluid scheme BARISSIMA

