

Quick Guide to Automatic Cleaning of Fresh Milk Module

- **Key precautions**

⚠ Failure to clean on time may result in machine blockage or product deterioration, and the responsibility shall be borne by the user!

- Cleaning frequency: Cleaning procedures must be performed every 48 hours.
- Core components: pipes, ②, ③(if present).

- **One. Preparation before cleaning**

1. Empty the waste water tray: Make sure there is no residual liquid.
2. Replace the milk with clean water (preferably hot water), make 3 cups of hot fresh milk+2 cups of cold fresh milk, and rinse off any remaining milk in the milk tube.
3. prepare tools
 - Empty water tank (no need to add water)
 - Cleaning pills (1 pill each time)

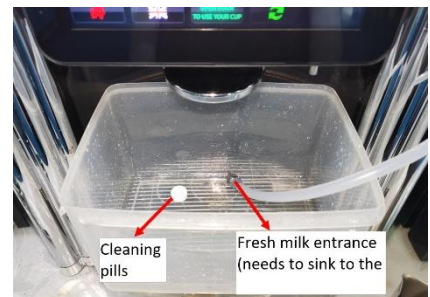
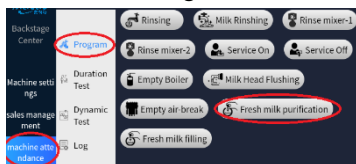
- **Two. Automatic purification process**

1. **Enter maintenance mode**

- Home screen Click "Wrench"  16:58 →Select "Machine Management"
→enter password: 2020 →Go to the "machine attendance" option in the left sidebar

2. **Start the purification process:**

- Place 1 cleaning tablet in the empty tank → Place the water tank under the water outlet nozzle → Put the milk tube into the empty tank containing the tablets.
- Click on "Program"→"Fresh milk purification"→ "confirm".



3. **Complete purification:**

- Wait 30 minutes for automatic completion, after completion must be replaced or cleaned⑭、⑯
- Clean the Suckling tube ⑰

- **Three. Replace the filter (key step)**

1. **Remove the water outlet nozzle**

- Remove the hand screw on top of the outlet nozzle
- Gently lift the water outlet upwards to remove it

2. **Disassemble the foam head**

- Lift up ④ and then pull out ④
- Pull out the upper and lower tubes of ② and ③ and remove ② and ③
- Turn ⑫ counterclockwise to disassemble ② and ③
- After disassembly, soak the old ⑭ in tablet water for next use

3. **Install the new filter**

- Decompose and completely clean ②, ③
- Assemble ② and ③ in order

- First, install ③ onto the machine
- Then install ② on the machine
- Connect the four recently disassembled tubes (pay attention to the order)
- Reinstall ④

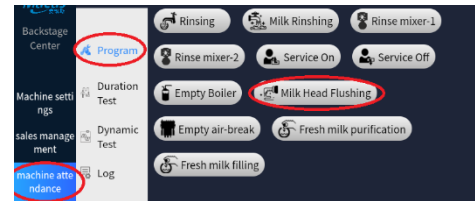
4. Install the water outlet nozzle

⚠ After installing the water outlet, please check if all the pipes that have been driven through are blocked due to folding

• Four. flush

1. sluice line

- Add about 1L of water to the milk carton
- Make 2 cups of hot milk +2 cups of cold milk and rinse the residue with water
- On the maintenance screen, click "Milk Head Flushing" and wait until finished
- Drain the excess water and place fresh milk in the milk container
- Finally, make 2 cups of hot milk +1 cup of cold milk again, or until there is milk coming out of the mouth



• Five. Shutdown maintenance (by scenario)

1. Short downtime (less than 8 hours)

- Execute the "Milk Rinsing" procedure
- Make fresh milk products with clean water (hot water is recommended) and rinse the hot and cold pipes

2. Long-term outage (Warning ⚠)

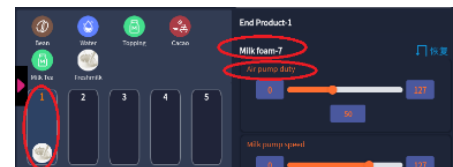
- Complete a complete milk purification procedure (all of the above cleaning steps)
- Wipe the machine and check for no stains.

• Six. Adjustment of foaming effect

1. Adjust by software

- Click on 'Wrench' on the main interface → Select "Machine


Management" → Enter password: 1010 → Select the fresh milk product you want to adjust in the left sidebar.




- Select the step with fresh milk → select [Milk foam-7]
- Increasing the value of "Air pump duty" will produce more milk bubbles, and decreasing it will reduce milk bubbles. **⚠ Too large a value may result in a milk foam that is not fine enough**
- If the "Air pump duty" is adjusted to the maximum or minimum value, but the foaming effect is still not good enough, you can try to adjust the ⑩ (clockwise decrease, counterclockwise increase).

- **Seven. Common problems and solutions**

1. ②, ③ Suggested solutions when clogged
 - Replace the ⑭ in ② and ③, or use cleaning pills to clean the system before exchanging parts ② and ③ for another cleaning.
2. When large bubbles appear in fresh milk products and adjusting parameters is ineffective
 - Please check if there is any blockage in ②
3. When there are too few milk bubbles and parameter adjustments are ineffective
 - Please check whether it is blocked.
4. Slow or no water flow rate when rinsing the foam head
 - Please check if ② and ③ are blocked
5. No fresh milk
 - Check if there is any fresh milk in the milk crate
 - Check whether the ① and ⑤ are working normally when making fresh milk.
 - Check ② and ③ for blockages
 - Check if ⑳ is broken. If it is broken, please replace it
6. Hot fresh milk with low temperature

- Click on 'Wrench' on the main interface  16:58 →

Select "Machine Management"  → Enter password: 2020 → Go to "Machine Settings" in the left sidebar → Select the "Fresh Milk Module" in the machine model → Select the "Product" TAB



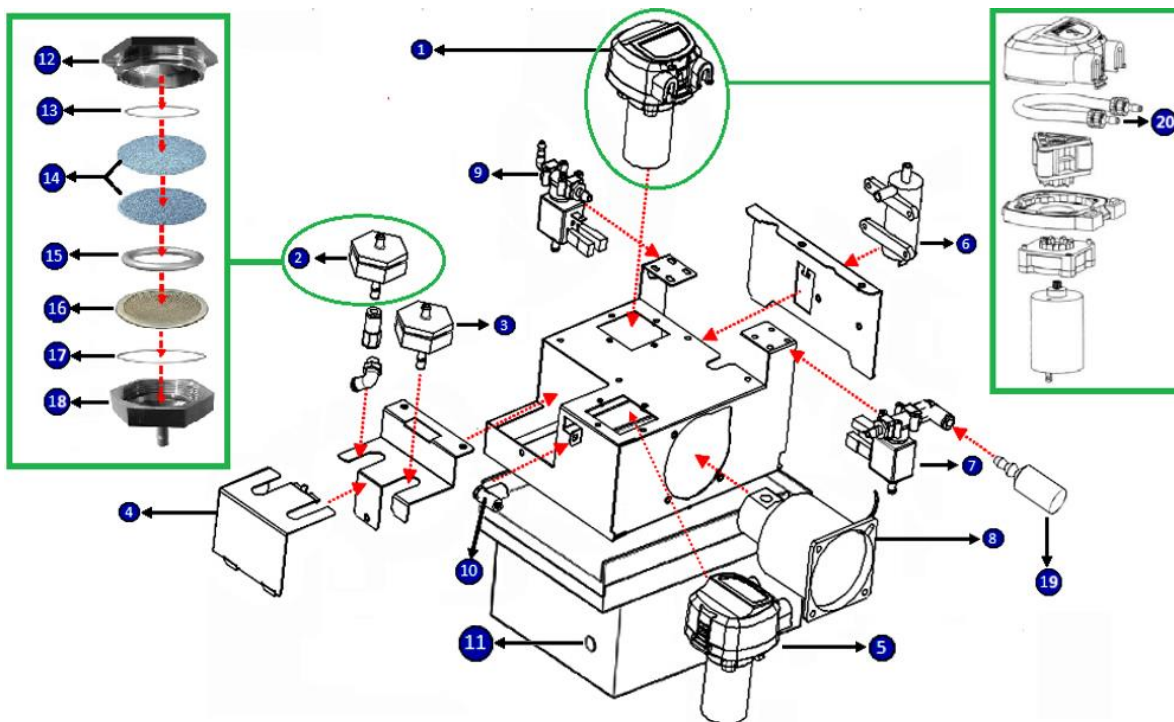
- Adjust the temperature value of 'Milkfoam Temp'. ⚠ The maximum temperature should not exceed 85 °C. Prolonged high temperatures can cause fresh milk to be burnt. The responsibility for pipeline blockage caused by prolonged high temperatures shall be borne by the user!
- Check if ⑪ trips

7. **Milk foam too thick or too thin**

- Try adjusting step six
- Check if there are any blockages in ② and ③

- **Eight. Daily maintenance suggestions**

1. Spare ⑭ Soak in pill water



- | | |
|------------------------------------|----------------------------------------|
| ① Hot fresh milk peristaltic pump | ⑪ Manually reset the thermal protector |
| ② Fresh milk foam head | ⑫ Foam head cover |
| ③ Air foaming head | ⑬ Foam head sealing ring (30mm) |
| ④ Foam head cover | ⑭ Filter sheet |
| ⑤ Cold fresh milk peristaltic pump | ⑮ Foam head sealing ring (27mm) |
| ⑥ air pump | ⑯ filter screen |
| ⑦ Fresh milk two tee | ⑰ Foam head sealing ring (34mm) |
| ⑧ Fresh milk gear pump | ⑱ Bottom cover of foam head |
| ⑨ Two position three-way air duct | ⑲ Milk pump filter head |
| ⑩ Throttle valve | ⑳ Peristaltic pump tube |

Data: 2025.3.12

Version : 1.2