

S8/S80 Instructions for Use

Your S8/S80

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Symbol description

Warnings

⚠ WARNING ⚠ CAUTION	Always take note of any information marked with the words CAUTION or WARNING and a warning sign. The signal word **WARNING** draws your attention to potential serious injury, and the signal word **CAUTION** to potential minor injury.
CAUTION	**CAUTION** draws your attention to potential damage to the machine.

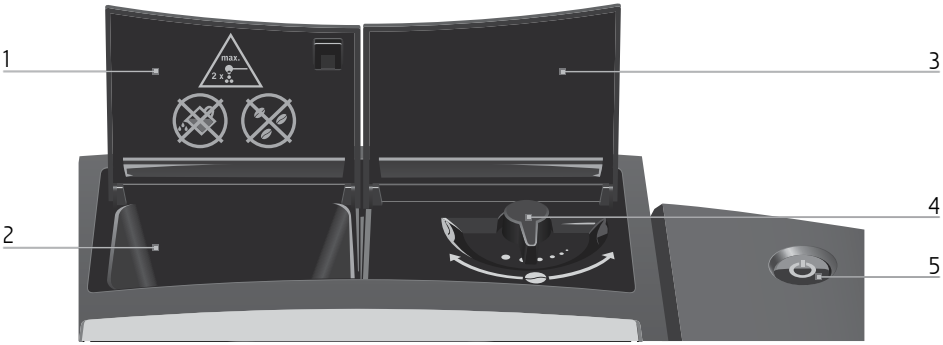
Symbols used

▸	**Prompt to take action.** This symbol means that you are being prompted to perform some action.
i	**Information** and tips to make it even easier to use your S8/S80.
'Coffee'	**Display**

Control elements

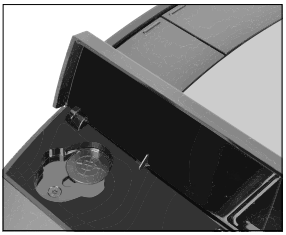


1 Bean container with aroma preservation cover
2 Water tank cover
3 Water tank
4 Plug-in mains cable (back of the machine)
5 Coffee grounds container
6 Drip tray
7 Touchscreen display
8 Milk system with professional fine foam frother
9 Height-adjustable coffee spout
10 Cup grille



1 Filler funnel cover
2 Filler funnel for ground coffee
3 Cover cap for grinder adjustment switch
4 Grinder adjustment switch
5 On/Off button ⏻

Service socket for optional JURA Smart Connect

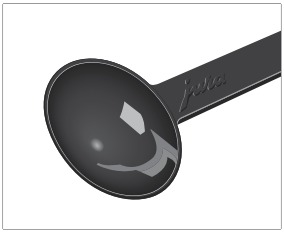


Accessories

Container for milk system cleaning



Measuring spoon for ground coffee



Hot-water nozzle



Important information

Proper use

The machine is designed and intended for private domestic use. It should only be used for coffee preparation and to heat milk and water. Use for any other purpose will be deemed improper. JURA Elektroapparate AG cannot accept any responsibility for the consequences of improper use.

Before using the machine read these instructions for use thoroughly and completely and comply with the instructions they contain. A warranty service is not applicable for damage or defects caused by non-compliance with the instructions for use. Keep these instructions for use close to the machine and pass them on to the next user.

For your safety

Please carefully read and observe the important safety information set out below.



To avoid danger of potentially fatal electric shock:

- Never use a machine which is damaged or has a defective mains cable.
- In the event of signs of damage, for example if there is a smell of burning, unplug the machine immediately from the mains supply and contact JURA service.
- If the mains cable of this machine is damaged it must be replaced with a special mains cable, which is available directly from JURA or from authorised JURA service centres.
- Make sure that the S8/S80 and the mains cable are not located close to hot surfaces.
- Be careful to ensure that the mains cable is not trapped and does not rub against sharp edges.

- Never open and repair the machine yourself. Do not modify the machine in any way that is not described in these instructions for use. The machine contains live parts. If opened, there is a danger of potentially fatal injury. Repairs may only be carried out by authorised JURA service centres, using original spare parts and accessories.
- To completely and safely disconnect the machine from the power supply, first switch off the S8/S80 using the On/Off button. Only then should you remove the mains plug from the power socket.

There is a risk of scalds or burns on the spouts and milk system:

- Place the machine out of the reach of children.
- Do not touch any hot parts. Use the handles provided.
- Be careful to ensure that the milk system is correctly installed and clean. If incorrectly fitted or if it becomes blocked, the milk system or its parts might come off. There is a danger of parts being swallowed.

A defective machine is not safe and could cause injury or fire. To avoid damage and any associated risk of injury or fire:

- Never allow the mains cable to loosely hang down. The mains cable could pose a tripping hazard or become damaged.
- Protect the S8/S80 from environmental influences such as rain, frost and direct sunlight.
- Do not immerse the S8/S80, mains cable or connections in water.

- Do not put the S8/S80 or any individual parts in the dishwasher.
- Before cleaning, switch the S8/S80 off with the On/Off button. Always wipe the S8/S80 with a damp cloth rather than a wet one, and protect it from prolonged exposure to water splash.
- Only connect the machine to the mains voltage in accordance with the information on the rating plate. The rating plate is located on the underside of your S8/S80. Further technical data is provided in these instructions for use (see Chapter 9 'Technical data').
- Connect the S8/S80 directly to a domestic power socket. Using multi-socket adapters or extension cords may cause overheating.
- Please only use original JURA maintenance products. Use of products that are not explicitly recommended by JURA could damage the machine.
- Do not use alkaline cleaning agents when cleaning, use a soft cloth and a mild detergent.
- Do not use any coffee beans treated with additives or caramelised coffee beans.
- Only fill the water tank with fresh, cold water.
- Switch the machine off with the On/Off button if you are going to be absent for a longer period of time and remove the mains plug from the power socket.
- Children may not clean or service the machine unless supervised by a responsible person.
- Do not allow children to play with the machine.
- Keep children under the age of 8 away from the machine, or supervise them constantly.

- Children aged 8 and over may only operate the machine without supervision if they have been instructed in how to use it safely. Children must be able to recognise and understand the potential dangers arising from incorrect use.

People, including children, who

- do not have the physical, sensory or mental capabilities to use the machine safely or
- are inexperienced or lack knowledge in how to use the machine safely

must be supervised by a responsible person when using it, or must be instructed in how to use it correctly.

Safety when handling the CLARIS Smart filter cartridge:

- Filter cartridges should be kept out of the reach of children.
- Store filter cartridges in a dry place in the sealed packaging.
- Protect cartridges from heat and direct sunlight.
- Do not use damaged filter cartridges.
- Do not open filter cartridges.

1 Preparing and using for the first time

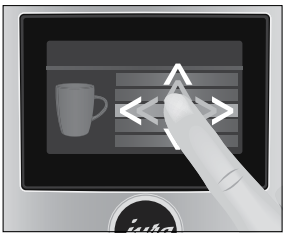
JURA on the Internet

Visit us on the Internet. You can download **short operating instructions** for your machine from the JURA website (www.jura.com). You will also find interesting and up-to-date information on your S8/S80 and on every aspect of coffee.

If you need assistance with using your machine, you can find this at www.jura.com/service.

Operation with touchscreen display



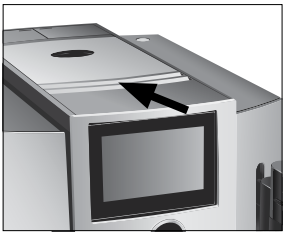


Your S8/S80 features a touchscreen display. There are two ways of operating the touch display:

- **Touch**
  Touch the display with your finger, for example to start coffee preparation or undertake various settings in programming mode.

- **Slide**
  Move your finger across the display from left to right or from top to bottom (or vice versa). For example, you can select one of the speciality coffees in the product selector view or switch between programme items in programming mode.

Setting up the machine



When setting up your S8/S80, please note the following:

- Place the S8/S80 on a horizontal surface that is not sensitive to water.
- Choose a spot for your S8/S80 which protects the machine against overheating. Ensure that the ventilation slots are not covered.

Filling the bean container

CAUTION Coffee beans which have been treated with additives (e.g. sugar), ground coffee or freeze-dried coffee will damage the grinder.

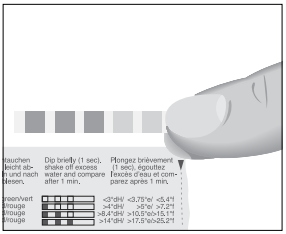
- ▸ Only use roasted, untreated coffee beans to fill the bean container.

- ▸ Remove the aroma preservation cover.
- ▸ Remove any dirt or foreign objects from inside the bean container.
- ▸ Fill the bean container with coffee beans and close the aroma preservation cover.

Determining the water hardness

When you use the machine for the first time, you must set the water hardness. If you do not know the hardness of your water, you can find this out first. Use the Aquadur® test strips supplied with the machine.

- ▸ Hold the test strip briefly (for 1 second) under flowing water. Shake off the water.
- ▸ Wait for about 1 minute.
- ▸ You will then be able to read the degree of water hardness from the discolouration of the Aquadur® test strip and the description on the packaging.



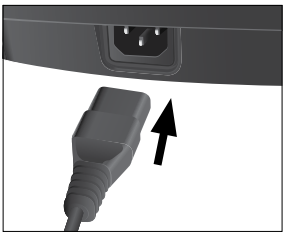
First-time use

⚠ WARNING If the machine is operated with a defective mains cable, there is a danger of potentially fatal electric shock.

- ▸ Never use a machine which is damaged or has a defective mains cable.

CAUTION Milk, sparkling mineral water or other liquids can damage the water tank or the machine.

- ▸ Only fill the water tank with fresh, cold water.



Precondition: The bean container has been filled.

- ▸ Connect the mains cable to the machine.
- ▸ Insert the mains plug into a power socket.
- ▸ Press the On/Off button ⏻ to switch the S8/S80 on.
  'Sprachauswahl' / 'Deutsch'

ℹ To display more languages, move your finger either downwards or upwards in the selection list until the desired language comes into focus (e.g. 'English').

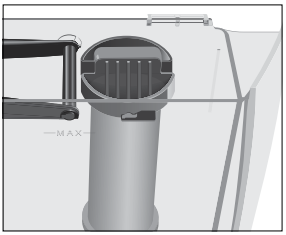
- ▸ Touch 'Save'.
  'Saved' appears briefly on the display to confirm the setting.
  'Water hardness'

ℹ If you do not know the hardness of your water, you must find this out first (see Chapter 1 'Preparing and using for the first time – Determining the water hardness').

- ▸ Move your finger across the display to change the water hardness setting, e.g. to '25 °dH'.
- ▸ Touch 'Save'.
  'Saved' appears briefly on the display.
  'Insert filter'



- ▸ Place one receptacle under the coffee spout and another under the fine foam frother.
- ▸ Remove the water tank and rinse it with cold water.
- ▸ Fit the filter cartridge extension supplied on top of the CLARIS filter cartridge Smart.



- ▸ Insert the filter cartridge with its extension into the water tank.
- ▸ Turn the filter cartridge clockwise until it audibly clicks into place.

▸ Fill the water tank with fresh, cold water and reinsert the tank.

ℹ The machine automatically detects that you have just inserted the filter cartridge.

'Filter operation' / 'Saved'
'Filter is being rinsed', the filter is rinsed. Water flows out of the fine foam frother.

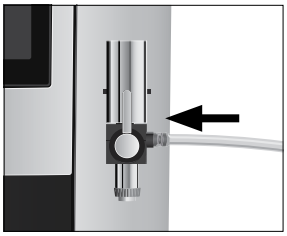
ℹ The water may be slightly discoloured. This is not harmful to health and does not affect the taste.

'System is filling'
'Empty drip tray'
▸ Empty the drip tray and put it back into the machine.
▸ Place a receptacle under the coffee spout.
'Machine is heating'
'Machine is rinsing', the system is rinsed. The rinse stops automatically. The start screen is displayed. Your S8/S80 is ready for use.

ℹ If the filter is active, this is indicated by a blue filter symbol at the top of the display.

Connecting milk

Your S8/S80 creates fine, creamy, feather-light milk foam with a perfect consistency. The most important requirement for frothing milk is a milk temperature of 4–8 °C. We would therefore recommend using a milk cooler or a milk container.



▸ Remove the protective cover from the milk system.
▸ Connect the milk pipe to the milk system.
▸ Connect the other end of the milk pipe to a milk container or a milk cooler.

Connect accessory (with wireless connection)

You have the option of connecting your S8/S80 wirelessly to a compatible accessory (e.g. the Cool Control Wireless milk cooler). To do this, the receiver of the Cool Control or the JURA Smart Connect must be plugged into the service socket.

Precondition: The start screen is displayed.

- ▸ Touch ' P '.
  'Machine settings'
- ▸ Touch 'Machine settings'.
  'Switch off after'
- ▸ Move your finger across the display until 'Connect accessory' is displayed in the centre.
- ▸ Touch 'Connect accessory'.
  'Connect accessory'
- ▸ Now follow the instructions on the display to connect the accessory to the S8/S80.

2 Preparation

Basic information about preparing drinks:

- During the grinding operation you can change the coffee strength of **single products.** To do this, move your finger across the display.
- During preparation you can change the preset **amounts** (e.g. amount of water or milk foam). To do this, move your finger across the display.
- You can stop preparation at any time. To do this, touch 'Cancel'.

Coffee tastes best served hot. A cold porcelain cup cools the beverage – and impairs the taste. We therefore recommend prewarming the cups. The full coffee aroma can develop only in prewarmed cups. You can purchase a JURA cup warmer from your specialised dealer.

You can make **permanent settings** for all products in programming mode (see Chapter 4 'Permanent settings in programming mode – Adjusting the product settings').

Ways of preparing a beverage

The S8/S80 offers various ways of preparing a speciality coffee, milk or hot water.

Preparation using the start screen: Simply touch the desired product. The following products are displayed as standard on the start screen:

'Espresso'	'Coffee'	'2 x Coffee'	'Hot water'
'Cappuccino'	'Latte macchiato'	'Flat White'	'Milk foam'

Preparation using the product selector view: Only some of the products you can prepare are shown on the start screen. As soon as you touch the product selector symbol in the top right, more products are displayed in a **product selector view.**

Move your finger across the display to bring the desired product into focus. Touch the product to start preparation. The following additional products are shown in the product selector view:

- ‘Milk’
- ‘Caffè latte’
- ‘Hot water for green tea’
- ‘2 x Ristretto’
- ‘2 x Espresso’
- ‘Ristretto’
- ‘Macchiato’

ℹ The product selector view disappears automatically after 10 seconds if no preparation is started.

ℹ The last product selected always appears first in the product selector view.

ℹ You can move any of the standard products programmed in your S8/S80 to your preferred position on the start screen and make it one of your favourites. You can duplicate and personalise your favourite speciality coffees by giving them a new product name and individual settings (e.g. amount and coffee strength) (see Chapter 4 ‘Permanent settings in programming mode – Adjusting the product settings’). Please note that the descriptions provided in the following sections always refer to the default settings.

Ristretto, espresso and coffee



Example: Proceed as follows to prepare one coffee.

Precondition: The start screen is displayed.

- ▸ Place a cup under the coffee spout.
- ▸ Touch ‘Coffee’.

  Preparation starts. The preset amount of water for coffee flows into the cup.

  Preparation stops automatically. The start screen is displayed.

Two ristretti, two espressi and two coffees



Example: Proceed as follows to prepare **two ristretti** (using product selector view).

Precondition: The start screen is displayed.

- ▸ Place two cups under the coffee spout.
- ▸ Touch the product selector symbol (top right) to go to the product selector view.
- ▸ Move your finger across the display until '2 x Ristretto' is displayed in the centre.
- ▸ Touch '2 x Ristretto' to start preparation.

  Preparation starts. The preset amount of water for coffee flows into the cups. Preparation stops automatically. Your S8/S80 is once more ready for use.

Latte macchiato, cappuccino and other speciality coffees with milk

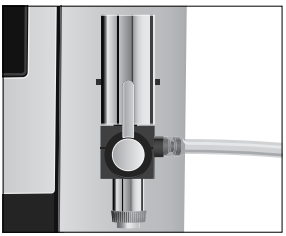
Your S8/S80 prepares latte macchiato, cappuccino and other speciality coffees with milk at the touch of a button. There is no need to move the glass or cup.

Example: Proceed as follows to prepare one latte macchiato.

Precondition: The start screen is displayed. Milk is connected to the fine foam frother.



- ▸ Place a glass under the fine foam frother.



- ▸ Set the selector switch for the professional fine foam frother to the Milk Foam position (see image).
- ▸ Touch 'Latte macchiato'.

  'Latte macchiato' appears and the preset amount of milk foam flows into the glass.

i There is a short interval while the hot milk separates from the milk foam. This allows the typical layers of a latte macchiato to form.

Coffee preparation starts. The preset amount of water for espresso flows into the glass. Preparation stops automatically. Your S8/S80 is once more ready for use.

ℹ 15 minutes after preparation, the fine foam frother is automatically rinsed (see Chapter 5 'Maintenance – Automatic milk system rinsing'). Therefore always place a receptacle under the fine foam frother after preparing milk.

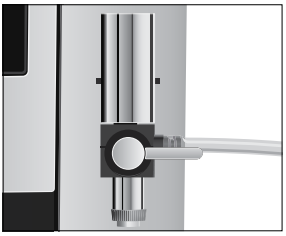
To ensure that the fine foam frother always works properly, you must clean it **daily** when you have been preparing milk (see Chapter 5 'Maintenance – Cleaning the milk system').

Warm milk and milk foam

Example: Proceed as follows to prepare **hot milk.**
Precondition: The start screen is displayed. Milk is connected to the milk system.



▸ Place a cup under the fine foam frother.



▸ Set the selector switch for the professional fine foam frother to the Milk position (see image).

ℹ If you wish to prepare **milk foam,** set the selector switch to the Milk Foam position (selector switch in vertical position).

▸ Touch 'Milk foam'.
The milk foam is prepared. The preset amount of milk flows into the cup.
Preparation stops automatically. Your S8/S80 is once more ready for use.

To ensure that the fine foam frother always works properly, you must clean it **daily** when you have been preparing milk (see Chapter 5 'Maintenance – Cleaning the milk system').

Ground coffee

You can choose to use a second coffee variety, for example decaffeinated coffee, with the filter funnel for ground coffee.

ℹ Never add more than two level measuring spoons of ground coffee.

- Use ground coffee which is not ground too finely. Very fine coffee can block up the system so that the coffee only comes out in drips.
- If you did not fill the machine with a sufficient amount of ground coffee, 'Not enough ground coffee' is displayed and the S8/S80 stops the operation.
- The desired speciality coffee must be prepared within approximately one minute after filling with the ground coffee. Otherwise the S8/S80 stops the operation and is once more ready for use.

All speciality coffees with ground coffee are always prepared following the same model.

Example: Proceed as follows to prepare one espresso using ground coffee.

Precondition: The start screen is displayed.



- ▸ Place an espresso cup under the coffee spout.
- ▸ Open the cover of the filler funnel for ground coffee.
  'Please add ground coffee'
- ▸ Place one level measuring spoon of ground coffee into the filler funnel.
- ▸ Close the cover of the filler funnel.
- ▸ Touch 'Espresso'.
  Preparation starts. 'Espresso' appears and the preset amount of water for espresso flows into the cup.
  Preparation stops automatically. Your S8/S80 is once more ready for use.

Adjusting the grinder

You can adjust the grinder to suit the degree of roast of your coffee.

CAUTION If you adjust the consistency of grind when the grinder is not operating, the grinder adjustment switch could be damaged.

- ▸ Only adjust the consistency of grind when the grinder is running.

The consistency of grind is correct if the coffee flows regularly from the coffee spout. In addition a fine, thick crema forms.

Example: Proceed as follows to change the consistency of grind **during** the preparation of an espresso.



Precondition: The start screen is displayed.

- ▸ Place a cup under the coffee spout.
- ▸ Open the cover of the grinder adjustment switch.
- ▸ Touch 'Espresso' to start preparation.
- ▸ Turn the grinder adjustment switch to the desired position **while** the grinder is running.
  The preset amount of water flows into the cup. Preparation stops automatically.

Hot water

The S8/S80 allows you to prepare different variants of hot water: 'Hot water' and 'Hot water for green tea'.

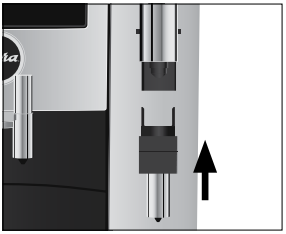
To obtain a perfect water flow, use the hot-water nozzle supplied.

⚠ CAUTION There is a danger of scalding from hot water splashes.

- ▸ Avoid direct contact with the skin.

Example: Proceed as follows to prepare hot water for **green tea.**
Precondition: The start screen is displayed.

- ▸ Touch the product selector symbol (top right) to go to the product selector view.
- ▸ Move your finger across the display until 'Hot water for green tea' is displayed in the centre.
- ▸ Touch 'Hot water for green tea'.
  'Insert hot-water nozzle'
- ▸ Remove the professional fine foam frother from the milk system.
- ▸ Fit the hot-water nozzle on the milk system.
- ▸ Touch 'Next'.
  'Hot water for green tea', the preset amount of water flows into the cup.
  Preparation stops automatically. Your S8/S80 is once more ready for use.



3 Daily operation

Filling the water tank

Daily maintenance of the machine and hygiene when handling milk, coffee and water are key to a perfect coffee result in the cup every time. You should therefore change the water **daily.**

CAUTION Milk, sparkling mineral water or other liquids can damage the water tank or the machine.

- ▸ Only fill the water tank with fresh, cold water.

- ▸ Open the water tank cover.
- ▸ Remove the water tank and rinse it with cold water.
- ▸ Fill the water tank with fresh, cold water and reinsert the tank.
- ▸ Close the water tank cover.

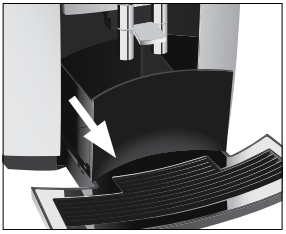
Switching on the machine



- ▸ Place a receptacle under the coffee spout.
- ▸ Press the On/Off button ⏻ to switch the S8/S80 on.
  'Welcome to JURA'
  'Machine is heating'
  'Machine is rinsing', the system is rinsed. The rinse stops automatically. Your S8/S80 is ready for use.

Daily maintenance

To ensure that you get many years of reliable service out of your S8/S80 and to guarantee the optimum coffee quality, the machine requires daily maintenance.



- ▸ Pull out the drip tray.
- ▸ Empty the coffee grounds container and the drip tray. Rinse them both with warm water.

ℹ Always empty the coffee grounds container when the machine is **switched on.** This is the only way of resetting the coffee grounds counter.

- ▸ Refit the coffee grounds container and the drip tray.
- ▸ Rinse the water tank with clean water.

- ▸ Clean the milk system (see Chapter 5 'Maintenance – Cleaning the milk system').
- ▸ Remove the milk pipe and rinse it thoroughly under running water.
- ▸ Dismantle and rinse the milk system (see Chapter 5 'Maintenance – Dismantling and rinsing the professional fine foam frother').
- ▸ Wipe the surface of the machine with a clean, soft, damp cloth (e.g. microfibre cloth).

i To clean the display, you can disable it under 'Maintenance status' / 'Lock display'.

You will find more information about caring for your S8/S80 in programming mode under 'Maintenance status' / 'Maintenance information'.

Regular maintenance

Carry out the following maintenance actions **regularly** or **as required:**

- In the interests of hygiene, we recommend changing the milk pipe and interchangeable milk spout on a regular basis (approximately every 3 months). Replacements are available from specialised dealers.
- Clean the inside of the water tank, e.g. with a brush. Further information about the water tank is provided in these instructions for use (see Chapter 5 'Maintenance – Descaling the water tank').
- Traces of milk and coffee may stick to the top and bottom of the cup grille. If this happens, clean the cup grille.

Switching off the machine



When the S8/S80 is switched off, the system is automatically rinsed if a speciality coffee has been prepared. If milk has been prepared, you will also be prompted to clean the milk system.

- ▸ Place one receptacle under the coffee spout and another under the milk system.
- ▸ Press the On/Off button ⏻.

i If milk has been prepared, you will be prompted to clean the milk system (‘Clean the milk system’). After 10 seconds the switch-off process continues automatically.

If milk has been prepared but you have not started milk system cleaning, the milk system is rinsed first (‘Milk system is being rinsed’).
‘Machine is rinsing’, the system rinses itself. The operation stops automatically. Your S8/S80 is switched off.

4 Permanent settings in programming mode

Touch ‘ P ’ to enter programming mode. Move your finger across the display to navigate through the programme items and permanently save the desired settings. The following settings can be made:

Programme item	Sub-item	Explanation
‘Machine settings’	‘Switch off after’	▸ Set the time after which the S8/S80 should switch off automatically.
	‘Save energy’	▸ Activate energy-saving mode.
	‘Operating instructions’	▸ Activate/deactivate the operating instructions on how to use the professional fine foam frother and hot-water nozzle.
	‘Factory setting’	▸ Reset the machine to its factory setting.
	‘Units’	▸ Select the unit for the amount of water.
	‘Display’	▸ Change the display brightness.
	‘Water hardness’	▸ You can set the water hardness of the water used.
	‘Choose language’	▸ Select your language.
	‘Product counter’, ‘Maintenance counter’	▸ Keep track of all products prepared and view the number of maintenance programmes performed.
	‘Demo mode’	You cannot prepare any products in demo mode.
	‘Connect accessory’, ‘Disconnect accessories’ (Only displayed if the JURA Smart Connect is being used.)	▸ Connect the S8/S80 wirelessly to a JURA accessory or disconnect the connection again.
	‘Version’	Software version
‘Maintenance status’	‘Clean the milk system’, ‘Clean’, ‘Change filter’ (only if filter is fitted), ‘Descale’, ‘Rinse’, ‘Lock display’, ‘Maintenance information’	▸ **Here you can start** the required maintenance programme or find out what maintenance actions are required.
‘Product settings’		▸ Select your settings for speciality coffees and hot water.

Product settings

Touch a product on the start screen for **about 2 seconds** to view the list of setting options:

- 'Product settings': Specify individual settings such as coffee strength, amount of water, etc.
- 'Product name': Change the name of the product.
- 'Delete': Remove a product from the start screen.
- 'Replace product': Replace the products on the start screen with your favourites.
- 'Copy product': Duplicate any product, for example to create a variant with a new product name and individual settings.
- 'Double product' (not for products with milk or hot water): Create a double product of the desired speciality.

i You can only change the settings of products that are stored on the start screen.

Adjusting the product settings

The following settings can be set permanently for all speciality coffees, milk and hot water:

Product	Coffee strength	Amount	More settings
Ristretto, espresso	10 levels	Coffee: 15 ml – 80 ml	Temperature (low, normal, high), product name, delete/replace/copy/ double product
Coffee	10 levels	Coffee: 25 ml – 240 ml	Temperature (low, normal, high), product name, delete/replace/copy/ double product
Two ristretti, two espressi, two coffees	–	Coffee: the amount set for the single product is doubled.	Temperature (as for single product), product name, delete product
Cappuccino, flat white, caffè latte	10 levels	Coffee: 25 ml – 240 ml Milk: 1 sec. – 120 sec.	Temperature (low, normal, high), product name, delete/replace/copy product
Latte macchiato	10 levels	Coffee: 25 ml – 240 ml Milk: 1 sec. – 120 sec. Interval: 0 sec. – 60 sec.	Temperature (low, normal, high), product name, delete/replace/copy product
Espresso macchiato	10 levels	Coffee: 15 ml – 80 ml Milk: 1 sec. – 120 sec.	Temperature (low, normal, high), product name, delete/replace/copy product

Product	Coffee strength	Amount	More settings
Milk foam, milk	–	Milk: 1 sec. – 120 sec.	Product name, delete/replace/copy product
Hot water, hot water for green tea	–	Water: 25 ml – 450 ml	Temperature (low, normal, high), product name, delete/replace/copy product

Permanent settings in programming mode always follow the same model.

Example: Proceed as follows to change the coffee strength for one espresso.

Precondition: The start screen is displayed.

- ▸ Touch 'Espresso' for **about 2 seconds** until the list of possible settings is displayed.
- ▸ Touch 'Product settings'.
  'Espresso'
- ▸ Move your finger across the display until 'Coffee strength' is displayed in the centre.
- ▸ Now move your finger to the left or right to change the setting for the coffee strength.
- ▸ Touch 'Save'.
  'Saved' appears briefly on the display.
- ▸ Touch 'Back' the number of times needed to display the start screen again.

Automatic switch-off

By instructing your S8/S80 to automatically switch itself off, you can cut down your energy consumption. If this function is activated, your S8/S80 switches off automatically after the preset time following the last action on the machine.

You can set the automatic switch-off to 15 minutes, 30 minutes or 1–9 hours.

Precondition: The start screen is displayed.

- ▸ Touch ' P '.
  'Machine settings'
- ▸ Touch 'Machine settings'.
  'Switch off after'

- ▸ Touch ‘Switch off after’.
  ‘Switch off after’
- ▸ Now move your finger to the left or right to change the switch-off time.
- ▸ Touch ‘Save’.
  ‘Saved’ appears briefly on the display.
  ‘Switch off after’
- ▸ Touch ‘Back’ the number of times needed to display the start screen again.

Energy-saving mode

In the programme item ‘Machine settings’ / ‘Save energy’ you can set an energy-saving mode:

- ‘Save energy’ / ‘1’
  - Soon after the last preparation, the S8/S80 stops heating up. The ‘ESM’ symbol (E.S.M.©, Energy Save Mode) is displayed.
  - Before you can prepare a speciality coffee, speciality coffee with milk, or hot water, the machine must heat up.
- ‘Save energy’ / ‘0’
  - All speciality coffees, speciality coffees with milk and hot water can be prepared without having to wait.

Example: Proceed as follows to switch energy-saving mode off.
Precondition: The start screen is displayed.

- ▸ Touch ‘ P ’.
  ‘Machine settings’
- ▸ Touch ‘Machine settings’.
  ‘Switch off after’
- ▸ Move your finger across the display until ‘Save energy’ is displayed in the centre.
- ▸ Touch ‘Save energy’.
  ‘Save energy’
- ▸ Now move your finger across the controller and set it to ‘0’.
- ▸ Touch ‘Save’.
  ‘Saved’ appears briefly on the display.
  ‘Save energy’
- ▸ Touch ‘Back’ the number of times needed to display the start screen again.

Operating instructions

In the programme item 'Machine settings' / 'Operating instructions' you can define whether the operating instructions on how to use the professional fine foam frother and hot-water nozzle should be displayed during preparation.

Example: How to stop the operating instructions from being displayed.
Precondition: The start screen is displayed.

- ▸ Touch ' P '.
  'Machine settings'
- ▸ Touch 'Machine settings'.
  'Switch off after'
- ▸ Move your finger across the display until 'Operating instructions' is displayed in the centre.
- ▸ Touch 'Operating instructions'.
  'Operating instructions'
- ▸ Now move your finger across the controller and set it to '0'.
- ▸ Touch 'Save'.
  'Saved' appears briefly on the display.
  'Operating instructions'
- ▸ Touch 'Back' the number of times needed to display the start screen again.

Restore factory settings

In the programme item 'Machine settings' / 'Factory setting' the machine can be reset to its factory setting. Your S8/S80 then switches off.

Precondition: The start screen is displayed.

- ▸ Touch ' P '.
  'Machine settings'
- ▸ Touch 'Machine settings'.
  'Switch off after'
- ▸ Move your finger across the display until 'Factory setting' is displayed in the centre.
- ▸ Touch 'Factory setting'.
  'Factory setting' / 'Reset the machine to the factory settings?'
- ▸ Touch 'Yes'.
  'Saved' appears briefly on the display.
  Your S8/S80 is switched off.

Unit for amount of water

In the programme item ‘Machine settings’ / ‘Units’ you can select the unit used for the amount of water.

Example: Proceed as follows to change the unit for the amount of water from ‘ml’ to ‘oz’.

Precondition: The start screen is displayed.

- ▸ Touch ‘ P ’.
  ‘Machine settings’
- ▸ Touch ‘Machine settings’.
  ‘Switch off after’
- ▸ Move your finger across the display until ‘Units’ is displayed in the centre.
- ▸ Touch ‘Units’.
  ‘Units’
- ▸ Now move your finger to the left or right to change the setting to ‘oz’.
- ▸ Touch ‘Save’.
  ‘Saved’ appears briefly on the display.
  ‘Units’
- ▸ Touch ‘Back’ the number of times needed to display the start screen again.

Display brightness

In the programme item ‘Machine settings’ / ‘Display’ you can set the display brightness (as a percentage).

Precondition: The start screen is displayed.

- ▸ Touch ‘ P ’.
  ‘Machine settings’
- ▸ Touch ‘Machine settings’.
  ‘Switch off after’
- ▸ Move your finger across the display until ‘Display’ is displayed in the centre.
- ▸ Touch ‘Display’.
  ‘Display’
- ▸ Now move your finger to the left or right to change the setting.
- ▸ Touch ‘Save’.
  ‘Saved’ appears briefly on the display.
  ‘Display’

▸ Touch ‘Back’ the number of times needed to display the start screen again.

Setting the water hardness

The harder the water is, the more frequently the S8/S80 needs to be descaled. It is therefore important to set the water hardness accurately.

The water hardness was set when the machine was first used. You can change this setting at any time.

The water hardness can be adjusted on a continuous scale between 1° dH and 30° dH.

Precondition: The start screen is displayed.

▸ Touch ‘ P ’.
‘Machine settings’
▸ Touch ‘Machine settings’.
‘Switch off after’
▸ Move your finger across the display until ‘Water hardness’ is displayed in the centre.
▸ Touch ‘Water hardness’.
‘Water hardness’
▸ Now move your finger to the left or right to change the setting.
▸ Touch ‘Save’.
‘Saved’ appears briefly on the display.
‘Water hardness’
▸ Touch ‘Back’ the number of times needed to display the start screen again.

Language

In this programme item you can set the language used by your S8/S80.

Example: Proceed as follows to change the language from ‘English’ to ‘Deutsch’.
Precondition: The start screen is displayed.

▸ Touch ‘ P ’.
‘Machine settings’
▸ Touch ‘Machine settings’.
‘Switch off after’

- ▸ Move your finger across the display until 'Choose language' is displayed in the centre.
- ▸ Touch 'Choose language'.
  'Choose language'
- ▸ Move your finger across the display until the desired language, e.g. 'Deutsch', is displayed in the centre.
- ▸ Touch 'Save'.
  'Gespeichert' appears briefly on the display.
  'Sprachauswahl'
- ▸ Touch 'Zurück' the number of times needed to display the start screen again.

Querying information

In the programme item 'Machine settings' you can view the following information:

- 'Product counter': Number of prepared coffee speciality coffees, speciality coffees with milk and hot water
- 'Maintenance counter': Number of maintenance programmes performed (cleaning, descaling etc.)
- 'Version': Software version

Example: Proceed as follows to view the number of speciality coffees prepared.
Precondition: The start screen is displayed.

- ▸ Touch ' P '.
  'Machine settings'
- ▸ Touch 'Machine settings'.
  'Switch off after'
- ▸ Move your finger across the display until 'Product counter' is displayed in the centre.
- ▸ Touch 'Product counter'.
  'Product counter'
- ▸ Touch 'Next' to view the number of other products.
- ▸ Touch 'Back' the number of times needed to display the start screen again.

5 Maintenance

Your S8/S80 has the following integrated maintenance programmes:

- Rinsing the machine (‘Rinse’)
- Cleaning the milk system (‘Clean the milk system’)
- Changing the filter (‘Change filter’) (only if filter is fitted)
- Cleaning the machine (‘Clean’)
- Descaling the machine (‘Descale’)

ℹ Clean the machine, descale the machine or change the filter when you are prompted to do so.

ℹ Touch ‘ P ’ to view the list of maintenance programmes (‘Maintenance status’). When the bar is completely filled with red, your S8/S80 will prompt you to perform the appropriate maintenance programme.

ℹ In the interests of hygiene, you should clean the milk system **daily** when you have been preparing milk.

Rinsing the machine

You can initiate the rinse operation manually at any time.



Precondition: The start screen is displayed.

- ▸ Place one receptacle under the coffee spout and another under the fine foam frother.
- ▸ Touch ‘ P ’.
  ‘Machine settings’
- ▸ Move your finger across the display until ‘Maintenance status’ is displayed in the centre.
- ▸ Touch ‘Maintenance status’.
  ‘Clean’
- ▸ Move your finger across the display until ‘Rinse’ is displayed in the centre.
- ▸ Touch ‘Rinse’ to start the rinse operation.
  ‘Machine is rinsing’
  ‘Milk system is being rinsed’
  The rinse stops automatically. The start screen is displayed.

Automatic milk system rinsing

15 minutes after milk preparation, the milk system is **automatically** rinsed. Therefore always place a receptacle under the milk system after preparing milk.

Cleaning the milk system

To ensure that the milk system always works properly, you must clean it **daily** when you have been preparing milk.

CAUTION If the wrong cleaning agent is used, the machine could be damaged and/or traces could be left behind in the water.

- ▸ Use only original JURA maintenance products.

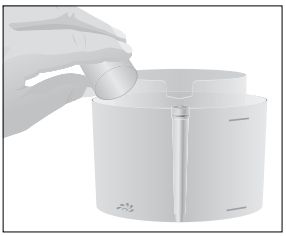
ℹ JURA milk system cleaner is available from specialised dealers.

ℹ To clean the milk system, use the container supplied.

Precondition: The start screen is displayed. 'Clean the milk system' is displayed.

- ▸ Touch 'Clean the milk system'.
- ▸ Touch 'Clean the milk system' again.
- ▸ Touch 'Start'.
- ▸ Touch 'Start' again.

  'Milk system cleaner' / 'Connect the milk tube' / 'Fresh water'
- ▸ Remove the milk pipe from the milk container or milk cooler.
- ▸ Add milk system cleaner to the front part of the container up to the **bottom mark** (indicated by).
- ▸ Then fill with water up to the **upper mark.**
- ▸ Place the container under the fine foam frother.





- ▸ Connect the milk pipe to the container.

ℹ To connect the milk pipe to the container correctly, the pipe must be fitted with a connector.

- ▸ Touch 'Next'.

  'Milk system is being cleaned'

  The operation is interrupted, 'Fresh water'.
- ▸ Rinse the container thoroughly and fill the front part with fresh water up to the **upper mark.**
- ▸ Place this under the fine foam frother and reconnect the milk pipe to the container.
- ▸ Touch 'Next'.

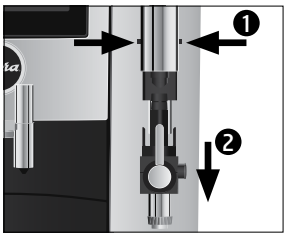
  'Milk system is being cleaned'

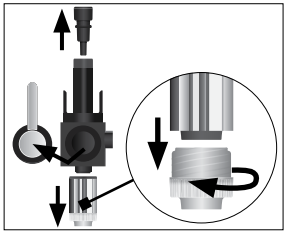
  The operation stops automatically.

Dismantling and rinsing the professional fine foam frother

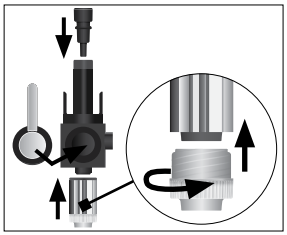
To make sure the professional fine foam frother works properly, and in the interests of hygiene, it must be dismantled and rinsed **daily** if you have been preparing milk.

- ▸ Remove the milk pipe and rinse it thoroughly under running water.
- ▸ Remove the professional fine foam frother.



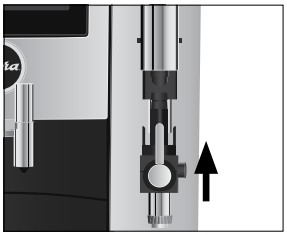


- ▸ Dismantle the fine foam frother into its individual parts.
- ▸ Rinse all the parts under running water. If there are severely dried-on milk residues, firstly immerse the individual parts in a solution of 250 ml cold water and 1 capful of JURA milk system cleaner. Then rinse the parts thoroughly.



- ▸ Re-assemble the professional fine foam frother.

ℹ Ensure that all individual parts are correctly and firmly connected to ensure optimum operation of the professional fine foam frother.

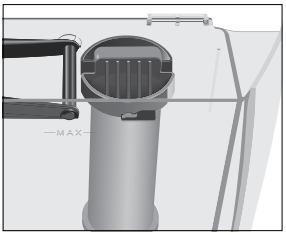


- ▸ Re-fit the fine foam frother on the milk system.

Inserting the filter

Your S8/S80 no longer has to be descaled if you are using the CLARIS Smart filter cartridge.

Precondition: The start screen is displayed.



- ▸ Remove and empty the water tank.
- ▸ Fit the filter cartridge extension supplied on top of a CLARIS Smart filter cartridge.
- ▸ Insert the filter cartridge with its extension into the water tank.
- ▸ Turn the filter cartridge clockwise until it audibly clicks into place.
- ▸ Fill the water tank with fresh, cold water and reinsert the tank.

ℹ The machine automatically detects that you have just inserted the filter cartridge.

'Saved' appears briefly on the display.
'Filter is being rinsed', water flows directly into the drip tray.
Rinsing of the filter stops automatically.
'Empty drip tray'

- ▸ Empty the drip tray and coffee grounds container and put them back into the machine.
  The start screen is displayed.

ℹ If the filter is active, this is indicated by a blue filter symbol at the top of the display.

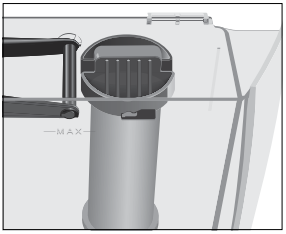
Changing the filter

ℹ Once the filter cartridge stops working (depending on the water hardness setting), the S8/S80 will prompt you to change the filter.

ℹ CLARIS Smart filter cartridges are available from specialised dealers.

Precondition: The start screen is displayed. 'Change the filter' is displayed.

- ▸ Touch 'Change the filter'.
- ▸ Touch 'Change the filter' again.
  'Change filter'
- ▸ Remove and empty the water tank.
- ▸ Turn the filter cartridge anticlockwise and remove it along with the extension from the water tank.
- ▸ Fit the filter cartridge extension on top of a **new** CLARIS Smart filter cartridge.



- ▸ Insert the filter cartridge with its extension into the water tank.
- ▸ Turn the filter cartridge clockwise until it audibly clicks into place.
- ▸ Fill the water tank with fresh, cold water and reinsert the tank.
  'Saved' appears briefly on the display. The machine has automatically detected that you have just changed the filter cartridge.
  'Filter is being rinsed', water flows directly into the drip tray. Rinsing of the filter stops automatically.
  'Empty drip tray'
- ▸ Empty the drip tray and coffee grounds container and put them back into the machine.
  The start screen is displayed.

ℹ If the filter is active, this is indicated by a blue filter symbol at the top of the display.

Cleaning the machine

After 180 preparations or 80 switch-on rinses, the S8/S80 will prompt you to clean it.

CAUTION If the wrong cleaning agent is used, the machine could be damaged and/or traces could be left behind in the water.

- ▸ Use only original JURA maintenance products.

ℹ The cleaning programme lasts approximately 20 minutes.

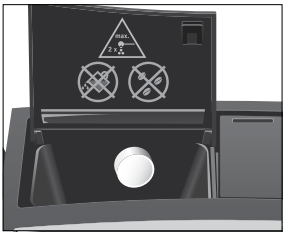
ℹ Do not interrupt the cleaning programme. The quality of cleaning will be impaired if you do so.

ℹ JURA cleaning tablets are available from specialised dealers.

Precondition: The start screen is displayed. 'Clean machine' is displayed.

- ▸ Touch 'Clean machine'.
  'Clean'
- ▸ Touch 'Clean'.
- ▸ Touch 'Start'.
- ▸ Touch 'Start' again.
  'Empty coffee grounds container'





- ▸ Empty the drip tray and coffee grounds container and put them back into the machine.
- ▸ Place one receptacle under the coffee spout and another under the fine foam frother.
- ▸ Touch 'Next'.
  'Machine is being cleaned' appears and water flows out of the coffee spout and the fine foam frother.
  The operation is interrupted, 'Add cleaning tablet'.
- ▸ Open the cover of the filler funnel for ground coffee.
- ▸ Insert a JURA cleaning tablet into the filler funnel.
- ▸ Close the cover of the filler funnel.
- ▸ Touch 'Next'.
  'Machine is being cleaned', water flows repeatedly out of the coffee spout and the fine foam frother.
  The operation stops automatically.
  'Empty coffee grounds container'
- ▸ Empty the drip tray and coffee grounds container and put them back into the machine.
  Cleaning is now complete. The start screen is displayed.

Descaling the machine

The S8/S80 builds up deposits of limescale over time and automatically prompts you to descale it when necessary. The degree of calcification depends on the hardness of your water.

i If you are using a CLARIS Smart filter cartridge, you will not be prompted to descale.

⚠ CAUTION If the descaling agent comes into contact with the skin or eyes, this can cause irritation.

- ▸ Avoid contact with the skin or eyes.
- ▸ Rinse off the descaling agent with clean water. Should you get any descaling agent in your eye, see a doctor.

CAUTION If the wrong descaling agent is used, the machine could be damaged and/or traces could be left behind in the water.

- ▸ Use only original JURA maintenance products.

CAUTION If the descaling operation is interrupted, there may be damage to the machine.

- ▸ Allow the descaling programme to run to the end.

CAUTION If the descaling agent comes into contact with sensitive surfaces (e.g. marble), damage cannot be ruled out.

- ▸ Clean up any splashes immediately.

ℹ The descaling programme lasts approximately 45 minutes.

ℹ JURA descaling tablets are available from specialised dealers.

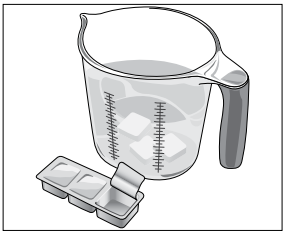
Precondition: The start screen is displayed. 'Decalcify machine' is displayed.

- ▸ Touch 'Decalcify machine'.

  'Descale'
- ▸ Touch 'Descale'.
- ▸ Touch 'Start'.
- ▸ Touch 'Start' again.

  'Empty drip tray'
- ▸ Empty the drip tray and coffee grounds container and put them back into the machine.

  'Pour descaling agent into water tank'
- ▸ Remove and empty the water tank.
- ▸ Completely dissolve 3 JURA descaling tablets in a receptacle holding 500 ml of water. This may take several minutes.
- ▸ Pour the solution into the **empty** water tank and insert it into the machine.





- ▸ Place one receptacle under the coffee spout and another under the fine foam frother.
- ▸ Touch 'Next'.

  'Machine is being descaled' appears and water flows out of the fine foam frother repeatedly.

  The operation is interrupted, 'Empty drip tray'.
- ▸ Empty the drip tray and coffee grounds container and put them back into the machine.

  'Fill water tank'
- ▸ Remove the water tank and rinse it thoroughly.
- ▸ Fill the water tank with fresh, cold water and reinsert the tank.



- ▸ Place one receptacle under the coffee spout and another under the fine foam frother.
- ▸ Touch 'Next'.
  'Machine is being descaled', the descaling operation is continued.
  The operation is interrupted, 'Empty drip tray'.
- ▸ Empty the drip tray and coffee grounds container and put them back into the machine.
  Descaling is now complete. The start screen is displayed.

ℹ If the descaling operation stops unexpectedly, rinse the water tank thoroughly.

Cleaning the bean container

Coffee beans may be covered with a slight oil film which remains on the walls of the bean container. These traces may negatively affect the coffee result. For this reason clean the bean container from time to time.

Precondition: 'Fill bean container' is displayed.

- ▸ Switch the machine off with the On/Off button ⏻.
- ▸ Remove the aroma preservation cover.
- ▸ Clean the bean container with a soft, dry cloth.
- ▸ Fill the bean container with coffee beans and close the aroma preservation cover.

Descaling the water tank

Limescale deposits may form in the water tank. To ensure correct function of the machine, descale the water tank from time to time.

- ▸ Remove the water tank.
- ▸ If you use a CLARIS Smart filter cartridge, remove this.
- ▸ Completely fill the water tank and dissolve 3 JURA descaling tablets in it.
- ▸ Leave the water tank with the descaling solution for several hours (e.g. overnight).
- ▸ Empty the water tank and rinse it thoroughly.
- ▸ If you use a CLARIS Smart filter cartridge, insert this again.
- ▸ Fill the water tank with fresh, cold water and reinsert the tank.

6 Display messages

Message	Cause/Result	Action
'Fill water tank'	The water tank is empty. You cannot prepare any products.	▸ Fill the water tank (see Chapter 3 'Daily operation – Filling the water tank').
'Empty coffee grounds container'	The coffee grounds container is full. You cannot prepare any products.	▸ Empty the coffee grounds container and the drip tray (see Chapter 3 'Daily operation – Daily maintenance').
'Drip tray not fitted'	The drip tray is not inserted correctly or is not inserted at all. You cannot prepare any products.	▸ Fit the drip tray.
'Fill bean container'	The bean container is empty. You cannot prepare any speciality coffees, but you can prepare hot water and milk.	▸ Fill the bean container (see Chapter 1 'Preparing and using for the first time – Filling the bean container').
'Change the filter'	The filter cartridge no longer works.	▸ Replace the CLARIS Smart filter cartridge (see Chapter 5 'Maintenance – Changing the filter').
'Clean machine'	The S8/S80 is prompting you to clean it.	▸ Perform cleaning (see Chapter 5 'Maintenance – Cleaning the machine').
'Decalcify machine'	The S8/S80 is prompting you to descale it.	▸ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine ').
'Machine too hot for maintenance'	The system is too hot to start a maintenance programme.	▸ Wait for several minutes until the system has cooled or prepare a speciality coffee or hot water.

7 Troubleshooting

Problem	Cause/Result	Action
Insufficient foam is produced when the milk is frothed or milk sprays out of the fine foam frother.	The fine foam frother is dirty.	▸ Clean the fine foam frother (see Chapter 5 'Maintenance – Cleaning the milk system'). ▸ Dismantle and rinse the fine foam frother (see Chapter 5 'Maintenance – Dismantling and rinsing the professional fine foam frother').
Coffee only comes out in drips when it is being prepared.	The coffee is ground too finely and obstructs the system.	▸ Set the grinder to a coarser setting (see Chapter 2 'Preparation – Adjusting the grinder').
	The water hardness may not have been correctly set.	▸ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine ').
'Fill water tank' is displayed although the water tank is full.	The water tank float is trapped.	▸ Descale the water tank (see Chapter 5 'Maintenance – Descaling the water tank').
Grinder is making a very loud noise.	There are foreign objects in the grinder.	▸ Contact customer support in your country (see Chapter 11 'JURA contact details / Legal information').
'Error 2' or 'Error 5' is displayed.	If the machine has been exposed to the cold for a long period of time, heating may be disabled for safety reasons.	▸ Warm the machine at room temperature.
Other 'Error' messages are displayed.	–	▸ Switch the S8/S80 off with the On/Off button ⏻. Contact customer support in your country (see Chapter 11 'JURA contact details / Legal information').

ℹ If you were unable to solve the problem, contact customer support in your country (see Chapter 11 'JURA contact details / Legal information').

8 Transport and environmentally friendly disposal

Transport / Emptying the system

Keep the packaging for your S8/S80. It should be used to protect the machine during transport.

In order to protect the S8/S80 from frost during transport, the system must be emptied.



Precondition: The start screen is displayed.

- ▸ Remove the milk pipe from the fine foam frother.
- ▸ Place a receptacle under the fine foam frother.
- ▸ Touch ‘Milk foam’.
- ▸ Remove and empty the water tank.
- ▸ Change the time to ‘60 sec.’.
  Steam will continue to be discharged from the fine foam frother until the system is empty.
  ‘Fill water tank’
- ▸ Press the On/Off button ⏻.
  Your S8/S80 is switched off.

Disposal

Please dispose of old machines in an environmentally neutral way.

Old machines contain valuable, recyclable materials which should be recycled. Please therefore dispose of old machines via suitable collection systems.

9 Technical data

Voltage	220–240 V ~, 50 Hz
Power	1450 W
Conformity mark	CE
Pump pressure	static, max. 15 bar
Holding capacity of water tank (without filter)	1.9 l
Holding capacity of bean container	280 g
Holding capacity of coffee grounds container	max. 16 portions
Cable length	approx. 1.1 m
Weight	approx. 10.0 kg
Dimensions (W × H × D)	28.0 × 34.8 × 44.4 cm

Information for testers (repeat test in accordance with DIN VDE 0701-0702): The central grounding point (CGP) is located on the underside of the machine, right next to the mains cable's connection point.

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11 JURA contact details / Legal information

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@ You will find additional contact details for your country at **www.jura.com.**

@ If you need assistance with using your machine, you can find this at **www.jura.com/service.**

Directives The machine complies with the following directives:

- 2014/35/EU – Low Voltage Directive
- 2014/30/EU – Electromagnetic Compatibility
- 2009/125/EC – Ecodesign Directive
- 2011/65/EU – RoHS Directive

Technical changes We reserve the right to make technical changes. The diagrams used in these instructions for use are for illustration purposes only and do not represent the original colours of the machine. Some details of your S8/S80 may vary.

Feedback Your opinion is important to us! Use the contact details at www.jura.com.

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