

jura®

en



ENA 8 Instructions for Use with Touchscreen



Your ENA

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Symbol description

Warnings

 WARNING	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

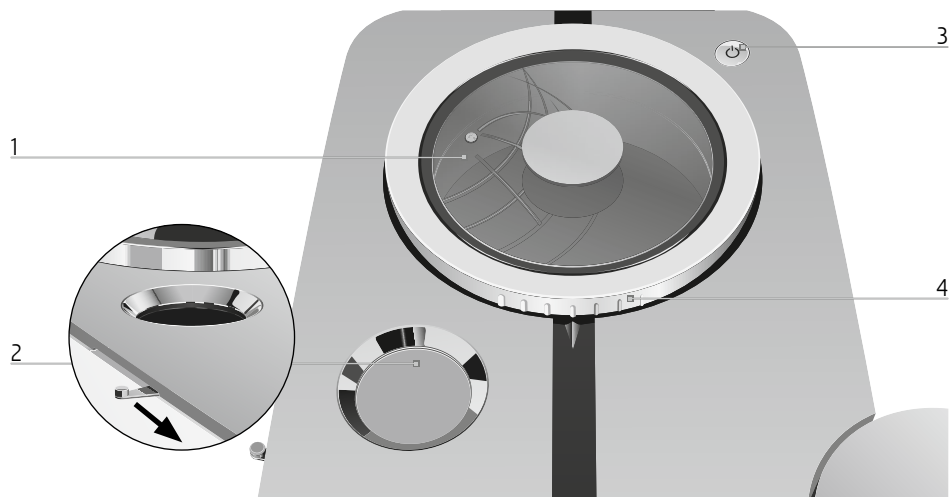
	Prompt to take action. This symbol means that you are being prompted to perform some action.
	Information and tips to make it even easier to use your ENA.
'Coffee'	Display

Control elements




- 1 Touchscreen display
- 2 Mains cable (back of the machine)
- 3 Height-adjustable dual spout
- 4 Coffee grounds container
- 5 Drip tray
- 6 Cup grille

- 7 Water tank (with cover)
- 8 Hot-water spout
- 9 Insert for drip tray



1 Bean container with aroma preservation cover

2 Powder chute for ground coffee

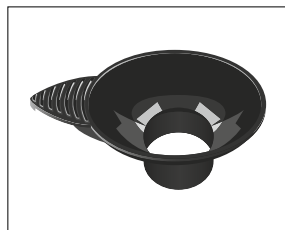
3 On/Off button 

4 Grinding wheel

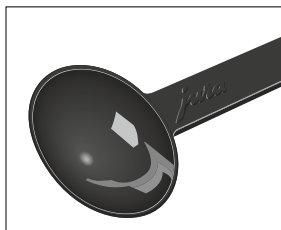


Back of the machine: Service socket for JURA Smart Connect (behind cover). Smart Connect is not included with all models.

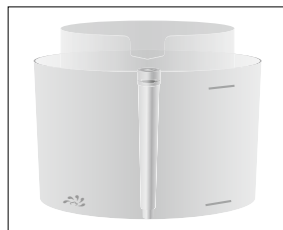
Accessories



Filler funnel for ground coffee



Measuring spoon for ground coffee



Container for milk system cleaning

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 power supply and contact JURA service.
- If the mains cable of this machine is damaged, it must be repaired either directly by JURA or by an authorised JURA service centre.
- Make sure that the ENA 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 ENA 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:

- 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 dual spout is correctly installed and clean. If it is incorrectly fitted or becomes blocked, its parts might come off. There is a danger of parts being swallowed.
- Your ENA can be remotely operated using mobile devices. When preparing a product or initiating a maintenance programme, make sure that other people are not put at risk – for example, through contact with the spouts.

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 ENA from environmental influences such as rain, frost and direct sunlight.
- Do not immerse the ENA, mains cable or connections in water.
- Do not put the ENA or any individual parts in the dishwasher.
- Do not use alkaline cleaning agents; only use a soft cloth and mild cleaning agents.
- Switch your ENA off at the power switch before any cleaning operation. Always wipe the ENA 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 ENA. Further technical data is provided in these instructions for use (see Chapter 9 ‘Technical data’).
- Please only use original JURA maintenance products. Use of products that are not explicitly recommended by JURA could damage the machine.
- Do not use any coffee beans treated with additives or caramelised coffee beans.
- Only fill the water tank with fresh, cold water.

Important information

- 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.
- Safety when handling the CLARIS Smart / Smart mini 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.

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

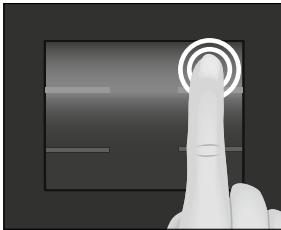
must be supervised by a responsible person when using it, or must be instructed in how to use it correctly.

1 Preparing and using for the first time

Operation with touchscreen display and dashboard

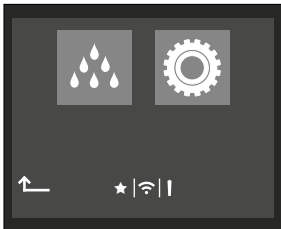
The touchscreen display provides an intuitive and convenient way of operating your ENA:



■ Touch






Touch the display with your finger, for example, to start coffee preparation or undertake various settings in programming mode. The longer you touch the display, the faster your setting changes.

- Touch 'P' to enter the **dashboard** of your ENA:



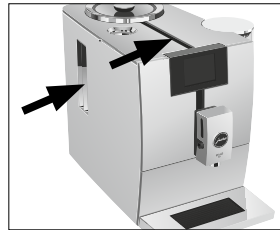
- The dashboard is divided into two sections: 'Maintenance status'  and 'Machine setting' .
- If a maintenance programme needs to be initiated, a message with a red background appears on the dashboard. You can go straight to the maintenance programme you need by touching this message. Maintenance programmes that are due imminently are indicated on your ENA by means of a bar display within the message.

- Other symbols on the dashboard:
 - : 'Smart mode' is activated (see Chapter 4 'Permanent settings in programming mode – Smart mode').
 - : Your ENA is connected to the Cool Control milk cooler (available as an optional accessory).
 - : Filter mode

Setting up the machine

When setting up your ENA, please note the following:

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



Filling the bean container

The bean container has an aroma preservation cover. This will ensure that your coffee beans retain their aroma for longer.

CAUTION

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

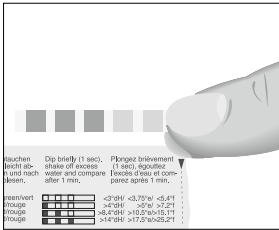
- ▶ Only use roasted, untreated coffee beans to fill the bean container.
- ▶ Remove the aroma preservation cover.
- ▶ Remove any dirt or foreign objects from inside the bean container.
- ▶ Fill the bean container with coffee beans and close the aroma preservation cover.

1 Preparing and using for the first time

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.

- ▶ Insert the mains plug into a power socket.
- ▶ Press the On/Off button  to switch the ENA on.

'Sprachauswahl' / 'Deutsch'

i To display more languages, touch '>' or '<' until the desired language is displayed (e.g. 'English').

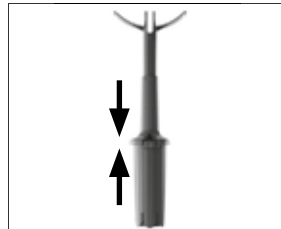
- ▶ Touch 'Save'.
'Saved' appears briefly on the display.
'Water hardness'

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').

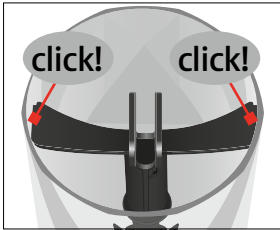
- ▶ Touch '>' or '<' to change the water hardness setting.
- ▶ Touch 'Save'.
'Saved' appears briefly on the display.
'Filter operation' / 'Insert filter'
- ▶ Place a receptacle under the dual spout and the hot-water spout.



- ▶ Remove the water tank and rinse it with cold water.
- ▶ Fit the filter cartridge extension supplied on top of the CLARIS Smart mini filter cartridge.



- ▶ Insert the filter cartridge with its extension into the water tank.



- ▶ 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'

'Filter is being rinsed', the filter is rinsed. Water flows directly into the drip tray.

i If the 'Empty drip tray' message appears, empty the drip tray and put it back into the machine.

'System is filling'

'Machine is rinsing'

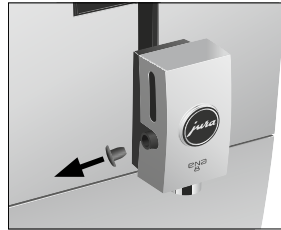
The rinse stops automatically. The start screen is displayed. Your ENA is ready for use.

The CLARIS Smart / Smart mini filter cartridge communicates with your ENA via RFID technology (frequency band 13.56 MHz). This wireless connection is only used for a maximum of 3 sec. during preparation. In this case, the maximum transmission power is below 1 mW.

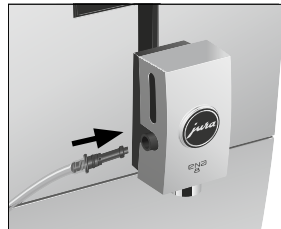
Connecting milk

Your ENA 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 dual spout.



- ▶ Connect the milk pipe to the dual spout.



- ▶ 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 ENA wirelessly to a compatible accessory (e.g. the Cool Control milk cooler). To do this, the receiver of the Cool Control or the JURA Smart Connect must be plugged into the service socket.


A frequency band of 2.4 GHz is used for this wireless connection. In this case, the maximum transmission power is below 1 mW.

i The Smart Connect can be protected against unauthorised access using a PIN. Activate the PIN function via J.O.E.® – your JURA app. You will find more information at www.jura.com/smartconnect.

i Please note that you can only connect either the accessory or J.O.E.® to the coffee machine via Smart Connect and not both at the same time.

2 Preparation

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
- ▶ Touch the 'Machine settings' symbol .
- ▶ Touch '>'.
- ▶ Touch 'Connect accessory'.
- ▶ 'Connect accessory'
- ▶ Now follow the instructions on the display to connect the accessory to the ENA.

2 Preparation

Basic information about preparing drinks:

- The display shows four products you can prepare. Touch the product selector symbol at the bottom right to display more products.
- During the grinding operation you can select the coffee strength of **single products** by touching '<' or '>'.
- During preparation you can change the preset **amounts** (e.g. water and amount of milk) by touching '<' or '>'.
- You can make **permanent settings** for all products in programming mode. You can also move any of the standard products programmed in your ENA to your preferred position on the start screen and make it one of your favourites (see Chapter 2 'Preparation – Adjusting the product settings').
- Your ENA has a 'Smart mode'. If this mode is activated, the products on the start screen will be rearranged according to the frequency of preparation after some time. The **star** on the cockpit indicates that the 'Smart mode' is activated.
- 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.

Espresso, coffee and other speciality coffees

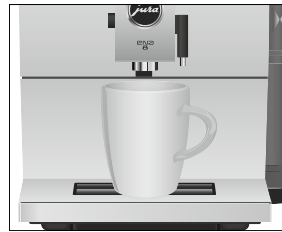
Ristretto, espresso and coffee are all prepared following this model.

Two brewing operations are carried out for the espresso doppio to create a particularly full-bodied and aromatic speciality coffee.

Example: Proceed as follows to prepare one coffee.

Precondition: The start screen is displayed.

- ▶ Place a cup under the dual spout.



- ▶ Touch 'Coffee'.

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

Latte macchiato, cappuccino and other speciality coffees with milk

Your ENA 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 dual spout.

- ▶ Place a glass under the dual spout.



- ▶ Touch **'Latte macchiato'**.
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.

The preset amount of water for espresso flows into the glass.

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

i To ensure that the milk system in the dual spout always works properly, you must clean it **daily** (see Chapter 5 'Maintenance – Cleaning the milk system').

Caffè Barista

For the 'caffè Barista', the ENA blends the coffee with hot water using a special preparation method. This results in a full-bodied speciality coffee which is particularly easy to digest. You can change the amount of this additional water (see Chapter 2 'Preparation – Adjusting the product settings').

i Your ENA also prepares the 'lungo Barista' as an additional speciality coffee. To prepare this coffee, you can use J.O.E.® – your JURA app.

Ground coffee

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

Basic information about ground coffee:

- Never add more than one level measuring spoon of ground coffee.

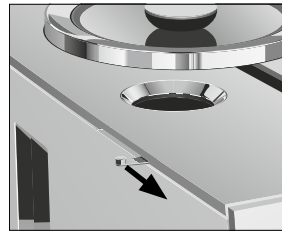
- Use ground coffee which is not ground too finely. Very fine coffee can block up the system so that the coffee only comes out in drips.
- If you did not fill the machine with a sufficient amount of ground coffee, **'Not enough ground coffee'** is displayed and the ENA stops the operation.
- The desired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

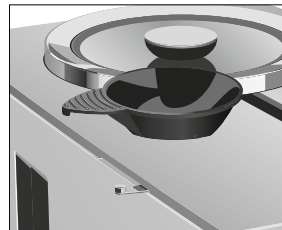
Precondition: The start screen is displayed.

- ▶ Place an espresso cup under the coffee spout.
- ▶ Open the powder chute for ground coffee.



'Ground coffee' / 'Please add ground coffee'

- ▶ Fit the filler funnel for ground coffee.



- ▶ Place one level measuring spoon of ground coffee into the filler funnel.
- ▶ Remove the filler funnel and close the cover of the powder chute.

2 Preparation

- ▶ Touch 'Espresso'.
Preparation starts. The preset amount of water for espresso flows into the cup.
Preparation stops automatically. Your ENA is once more ready for use.

Adjusting the grinder

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

CAUTION

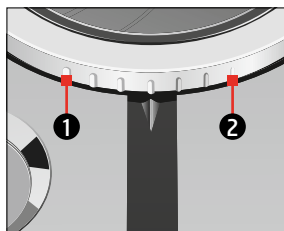
If you adjust the consistency of grind when the grinder is not operating, the grinding wheel could be damaged.

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

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

Grinding wheel

- 1: **Coarse** consistency of grind setting
- 2: **Fine** consistency of grind setting



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

- ▶ Place a cup under the dual spout.
- ▶ Touch 'Espresso'.
- ▶ Turn the grinder adjustment wheel to the desired position **while** the grinder is running.
The preset amount of water flows into the cup.

Hot water

⚠ CAUTION

There is a danger of scalding from hot water splashes.

- ▶ Avoid direct contact with the skin.

Precondition: The start screen is displayed.

- ▶ Place a cup under the hot-water spout.



- ▶ Touch the product selector symbol.
- ▶ Touch '>' until 'Hot water' is displayed.
- ▶ Touch 'Hot water'.
The preset amount of water flows into the cup.

Adjusting the product settings

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

Product	Amount	More settings
'Ristretto', 'Espresso'	Water: 15 ml – 80 ml	Coffee strength (10 levels), temperature (low, normal, high)
'Coffee'	Water: 25 ml – 240 ml	Coffee strength (10 levels), temperature (low, normal, high)
'Caffè Barista'	Water: 25 ml – 240 ml Bypass water: 0 ml – 240 ml	Coffee strength (10 levels), temperature (low, normal, high)
'Lungo Barista'	Water: 25 ml – 240 ml Bypass water: 0 ml – 240 ml	This additional speciality coffee can be prepared via J.O.E.* – your JURA app
'Cappuccino', 'Flat White'	Water: 25 ml – 240 ml Milk: 1 sec. – 120 sec.	Coffee strength (10 levels), temperature (low, normal, high)
'Latte macchiato'	Water: 25 ml – 240 ml Milk foam: 1 sec. – 120 sec. Interval: 0 sec. – 60 sec.	Coffee strength (10 levels), temperature (low, normal, high)
'Macchiato', 'Cortado'	Water: 15 ml – 80 ml Milk: 1 sec. – 120 sec.	Coffee strength (10 levels), temperature (low, normal, high)
'Espresso doppio' (2 brewing operations)	Water: 30 ml – 160 ml	Coffee strength (10 levels), temperature (low, normal, high)
'Milk foam'	Milk: 1 sec. – 120 sec.	–
'Hot water'	Water: 25 ml – 450 ml	Temperature (low, normal, high)

- i** To permanently change the settings for a product, this product must be stored on the start screen.

Permanent settings in programming mode always follow the same model.

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

Precondition: The start screen is displayed.

- ▶ Touch 'Espresso' for **approximately 2 seconds** until the list of possible settings is displayed.
- ▶ Touch 'Coffee strength'.
- ▶ Touch '<' or '>' to change the setting.
- ▶ Touch 'Save'.
- ▶ 'Saved' appears briefly on the display.
- ▶ Touch 'L' until the start screen is displayed again.

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.


3 Daily operation

- ▶ Remove the water tank and rinse it with cold water.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.

Switching on the machine

- ▶ Place a receptacle under the dual spout.



- ▶ Press the On/Off button  to switch the ENA on.
'Welcome to JURA'
'Machine is rinsing'
The rinse stops automatically. Your ENA is ready for use.

Daily maintenance

To ensure that you get many years of reliable service out of your ENA 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.

- i** The insert for the drip tray, including the drip tray itself, and the coffee grounds container are dishwasher-safe.

- ▶ Refit the coffee grounds container and the drip tray.
- ▶ Rinse the water tank with clean water.
- ▶ Clean the milk system in the dual spout (see Chapter 5 'Maintenance – Cleaning the milk system').
- ▶ Remove the milk pipe and rinse it thoroughly under running water.
- ▶ Dismantle and rinse the dual spout (see Chapter 5 'Maintenance – Dismantling and rinsing the dual spout').
- ▶ Wipe the surface of the machine with a clean, soft, damp cloth (e.g. microfibre cloth).

- i** In order to clean the display without any problems, you can disable it in the 'Maintenance status'  area under **'Lock display'**.

You will find more information about caring for your ENA in the 'Maintenance status'  section under **'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. Your ENA is equipped with the **HP1** milk system.
- 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 ENA is switched off, the system is automatically rinsed if a speciality coffee has been prepared. If milk has been prepared, the dashboard of your ENA will also prompt you to clean the milk system. If this happens, follow the instructions on the display.

- ▶ Place a receptacle under the dual spout.



- ▶ Press the On/Off button . 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 ENA is switched off.

4 Permanent settings in programming mode

Touch 'P' to enter the dashboard of your ENA. In the 'Machine setting'  section, you can make the following settings:

Programme item	Explanation
'Choose language'	▶ Select your language.
'Switch off after'	▶ Set the time after which the ENA should switch off automatically.
'Unit'	▶ Select the unit for the amount of water.
'Water hardness'	▶ You can set the water hardness of the water used.
'Save energy'	▶ Activate energy-saving mode.
'Product name'	▶ Define whether the product names or just the product images should be shown on the start screen.
'Connect accessory', 'Disconnect accessories' (Only displayed if the JURA Smart Connect is being used.)	▶ Connect the ENA wirelessly to a JURA accessory or disconnect the connection again.
'Product counter', 'Maintenance counter'	▶ Keep track of all products prepared and view the number of maintenance programmes performed.


Programme item	Explanation
'Factory setting'	▶ Reset the machine to its factory setting.
'Version'	Software version
'Smart mode'	▶ Have the products arranged on the start screen according to how often they are prepared.

Language

In this programme item you can set the language used by your ENA.

Example: Proceed as follows to change the language from 'English' to 'Français'.

Precondition: The start screen is displayed.


- ▶ Touch 'P'.
- ▶ Touch the 'Machine setting' symbol .
- ▶ Touch 'Choose language'.
- ▶ Touch '<' or '>' until the desired language is displayed, e.g. 'Français'.
- ▶ Touch 'Enregistrer'.
- ▶ 'Enregistré' appears briefly on the display.
- ▶ Touch 'L' the number of times needed to display the start screen again.

Automatic switch-off

By instructing your ENA to automatically switch itself off, you can cut down your energy consumption. If this function is activated, your ENA 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'.
- ▶ Touch the 'Machine setting' symbol .
- ▶ Touch 'Switch off after'.
- ▶ Touch '<' or '>' to change the setting.
- ▶ Touch 'Save'.
- ▶ 'Saved' appears briefly on the display.
- ▶ Touch 'L' the number of times needed to display the start screen again.

Unit for amount of water

In the programme item 'Unit' you can set the unit used for the amount of water ('ml' or 'oz').

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'.
- ▶ Touch the 'Machine setting' symbol .
- ▶ Touch 'Unit'.
- ▶ Touch 'oz'.
- ▶ Touch 'Save'.
- ▶ 'Saved' appears briefly on the display.
- ▶ Touch 'L' the number of times needed to display the start screen again.


Setting the water hardness

The harder the water is, the more frequently the ENA 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'.
- ▶ Touch the 'Machine setting' symbol .
- ▶ Touch 'Water hardness'.
- ▶ Touch '<' or '>' to change the setting.
- ▶ Touch 'Save'.
- ▶ 'Saved' appears briefly on the display.
- ▶ Touch 'L' the number of times needed to display the start screen again.

Displaying product names

Define whether the product names or just the product images should be shown on the start screen.

Example: Proceed as follows to **deactivate** the product names on the start screen.


Precondition: The start screen is displayed.

- ▶ Touch 'P'.
- ▶ Touch the 'Machine setting' symbol .
- ▶ Touch '>' until the programme item 'Product name' is displayed.
- ▶ Touch 'Product name'.
- ▶ Touch 'Inactive'.
- ▶ Touch 'Save'.
- ▶ 'Saved' appears briefly on the display.
- ▶ Touch 'L' the number of times needed to display the start screen again.

Restore factory settings

In the programme item 'Factory setting' the machine can be reset to its factory setting.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
- ▶ Touch the 'Machine setting' symbol .
- ▶ Touch '>' until the programme item 'Factory setting' is displayed.
- ▶ Touch 'Factory setting'.
- ▶ 'Reset the machine to the factory setting?' is displayed.
- ▶ Touch 'Yes'.

'Saved' appears briefly on the display.

All user settings (apart from the 'filter' and 'water hardness') are reset to factory settings. Your ENA then switches off.


Smart mode

Your ENA has a 'Smart mode'. If this mode is activated, the products on the start screen will be rearranged according to the frequency of preparation after some time.

- i** The **star** on the cockpit indicates that the 'Smart mode' is activated.

Example: Proceed as follows to **deactivate** the 'Smart mode'.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
- ▶ Touch the 'Machine setting' symbol .
- ▶ Touch '>' until the programme item 'Smart mode' is displayed.
- ▶ Touch 'Smart mode'.
- ▶ Touch 'Inactive'.
- ▶ Touch 'Save'.
- ▶ 'Saved' appears briefly on the display.
- ▶ Touch 'L' the number of times needed to display the start screen again.


Energy-saving mode

In the programme item 'Save energy' you can set an energy-saving mode:


- 'Active'
 - Soon after the last preparation, the ENA stops heating up.
 - Before you can prepare a speciality coffee, speciality coffee with milk, or hot water, the machine must heat up.
- 'Inactive'
 - 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'.
- ▶ Touch the 'Machine setting' symbol .
- ▶ Touch '>' until the programme item 'Save energy' is displayed.
- ▶ Touch 'Save energy'.
- ▶ Touch 'Inactive'.
- ▶ Touch 'Save'.
- ▶ 'Saved' appears briefly on the display.
- ▶ Touch 'L' the number of times needed to display the start screen again.


Querying information

In the 'Machine setting'  section, 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'.
- ▶ Touch the 'Machine setting' symbol .
- ▶ Touch '>' until the programme item 'Product counter' is displayed.
- ▶ Touch 'Product counter'.
- ▶ Touch '>' to view the number of other products.
- ▶ Touch 'L' the number of times needed to display the start screen again.

5 Maintenance

Basic information about maintenance:

- Touch 'P' to enter the dashboard. This area consists of a 'Maintenance status'  section and a 'Machine setting'  section. You can manage the maintenance of your ENA in the 'Maintenance status'  section.
- If a maintenance programme needs to be initiated, a message with a red background appears on the dashboard. You can go straight to the relevant maintenance programme by touching this message. If several maintenance programmes are pending, several messages with a red background will appear. Maintenance programmes that are due imminently are indicated on your ENA by means of a bar display within the message.

- Carry out each maintenance programme when you are prompted to do so.
- 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 a receptacle under the coffee spout.



- ▶ Touch 'P'.
 - ▶ Touch .
 - ▶ Touch 'Rinse the coffee system'.
- The rinse stops automatically.

Cleaning the milk system

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


CAUTION

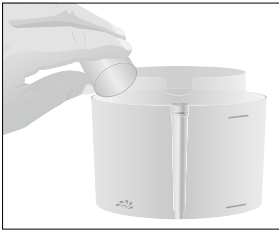
If the wrong cleaning agent is used, the machine could be damaged and/or traces could be left behind in the water.

- ▶ Use only original JURA maintenance products.

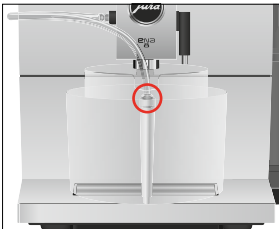
- i** JURA milk system cleaner is available from specialised dealers.
- i** To clean the milk system, use the container supplied.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
- ▶ Touch 'Clean the milk system'.
- ▶ Touch 'Start'.
- ▶ 'Milk system cleaner' / '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 dual spout.
- ▶ Connect the milk pipe to the container.



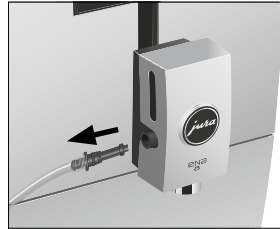
i To connect the milk pipe to the container correctly, the pipe must be fitted with a connector.

- ▶ Touch 'Start'.
- ▶ '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 it under the dual spout and reconnect the milk pipe with the container.
- ▶ Touch 'Next'.
- ▶ 'Milk system is being cleaned'
- ▶ The operation stops automatically.

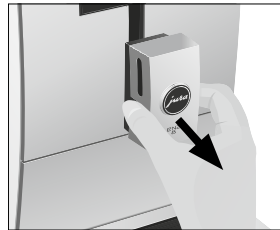
Dismantling and rinsing the dual spout

The dual spout must be dismantled and rinsed **daily** if milk has been prepared to make sure it functions perfectly and also in the interests of hygiene.

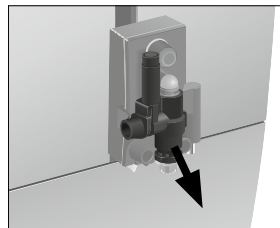
- ▶ Remove the milk pipe and rinse it thoroughly under running water.



- ▶ Pull the cover of the dual spout forwards and off.

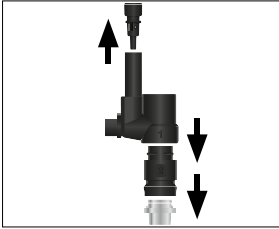


- ▶ Remove the milk system from the dual spout.

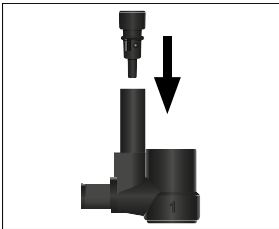


5 Maintenance

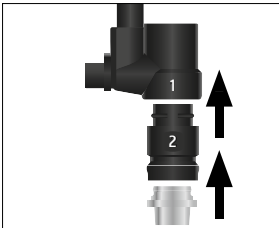
- ▶ Dismantle the milk system into its individual parts.



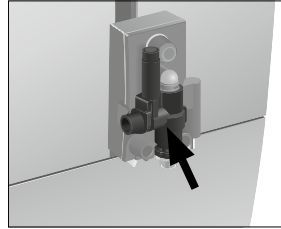
- ▶ Rinse all the parts under running water. If there are severely dried-on milk residues, firstly immerse the individual parts in a solution of 250 ml cold water and 1 capful of JURA milk system cleaner. Then rinse the parts thoroughly.
- ▶ Fit the air intake pipe.



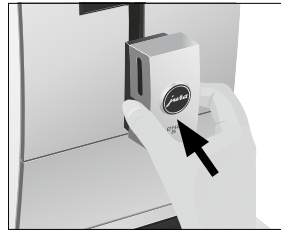
- ▶ Reassemble the milk system. When doing this, note the numbering of the individual parts.



- ▶ Fit the assembled individual parts back in the dual spout and press it firmly.



- ▶ Refit the cover of the dual spout.



Inserting/changing the filter

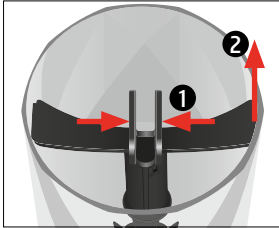
Your ENA no longer has to be descaled if you are using the CLARIS Smart / Smart mini filter cartridge.

- i** Once the filter cartridge stops working (depending on the water hardness setting), the ENA will prompt you to change the filter.
- i** CLARIS Smart / Smart mini filter cartridges are available from specialised dealers.

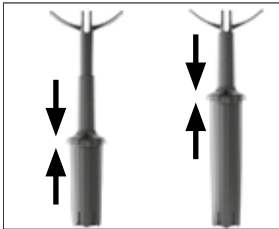
Precondition: The start screen is displayed. The 'P' symbol lights up red (if you are already using a filter and it is depleted).

- ▶ Touch 'P'.
The filter symbol (ⓘ) lights up red.
- ▶ Remove and empty the water tank.

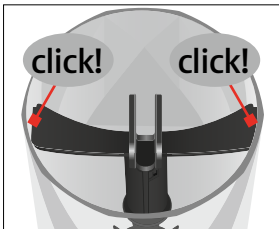
- ▶ Remove the used filter cartridge from the water tank.



- ▶ Fit the filter cartridge extension on top of a **new** CLARIS Smart / Smart mini filter cartridge.



- ▶ Insert the filter cartridge with its extension into the water tank.



- ▶ Fill the water tank with fresh, cold water and reinsert the tank. The machine has automatically detected that you have just inserted/changed the filter cartridge.
- ▶ Touch 'L' until the start screen is displayed again. 'Filter is being rinsed', Water flows directly into the drip tray. Your ENA is once more ready for use.

The CLARIS Smart / Smart mini filter cartridge communicates with your ENA via RFID technology (frequency band 13.56 MHz). This wireless connection is only used for a maximum of 3 sec. during preparation. In this case, the maximum transmission power is below 1 mW.

Cleaning the machine

After 160 preparations or 80 switch-on rinses, the ENA 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.

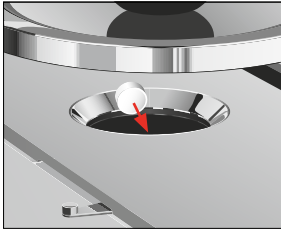
Precondition: The start screen is displayed. The 'P' symbol lights up red.

- ▶ Touch 'P'.
- The 'Clean' message lights up red.
- ▶ Touch 'Clean'.
- ▶ Touch 'Start'.
- 'Empty coffee grounds container'
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
- ▶ Place a receptacle under the dual spout.



5 Maintenance

- ▶ Touch 'Next'.
'Machine is being cleaned', water flows out of the dual spout.
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 out of the dual spout repeatedly.
The operation stops automatically.
'Empty coffee grounds container'
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.

Descaling the machine

The ENA 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 / Smart mini 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.

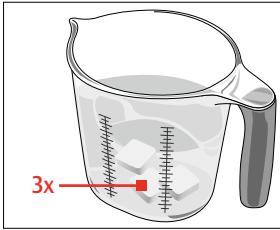
-
- i** The descaling programme lasts approximately 40 minutes.
 - i** JURA descaling tablets are available from specialised dealers.

Precondition: The start screen is displayed.

The 'P' symbol lights up red.

- ▶ Touch 'P'.
The 'Descale' message lights up red.
- ▶ Touch 'Descale'.
- ▶ Touch 'Start'.
'Empty drip tray'
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
'Agent in 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 dual spout and another under the hot-water spout.



- ▶ Touch **'Next'**.
'Machine is being descaled', water flows repeatedly out of the dual spout and the hot-water spout.
The operation is interrupted, **'Empty drip tray'**.
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
'Rinse the water tank'
'Fill water tank'
- ▶ Empty the receptacle and place it under the hot-water and dual spouts.
- ▶ Remove the water tank and rinse it thoroughly.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.
- ▶ Touch **'Next'**.
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.

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

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 / Smart mini 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 / Smart mini filter cartridge, insert this again.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.

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.

6 Display messages


Messages on the start screen

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' / 'Empty drip tray'	The coffee grounds container is full. / The drip tray 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').
'Too hot'	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.

Messages on the dashboard

Message	Cause/Result	Action
The filter symbol on the dashboard lights up red.	The filter cartridge no longer works.	► Replace the CLARIS Smart / Smart mini filter cartridge (see Chapter 5 'Maintenance – Inserting/changing the filter').
'Clean'	The ENA is prompting you to clean it.	► Perform cleaning (see Chapter 5 'Maintenance – Cleaning the machine').
'Descale'	The ENA is prompting you to descale it.	► Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').
'Clean the milk system'	The ENA prompts you to clean the milk system.	► Perform milk system cleaning (see Chapter 5 'Maintenance – Cleaning the milk system').

7 Troubleshooting

Problem	Cause/Result	Action
Insufficient foam is produced when the milk is frothed or milk sprays from the dual spout.	The dual spout is dirty.	<ul style="list-style-type: none"> ▶ Clean the milk system in the dual spout (see Chapter 5 'Maintenance – Cleaning the milk system'). ▶ Dismantle and rinse the dual spout (see Chapter 5 'Maintenance – Dismantling and rinsing the dual spout').
Coffee only comes out in drips when it is being prepared.	Coffee or ground coffee has been ground too finely and is blocking the system. The water hardness may not have been correctly set.	<ul style="list-style-type: none"> ▶ Put the grinder on a coarser setting or use coarser ground coffee (see Chapter 2 'Preparation – Adjusting the grinder'). ▶ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').
'Fill water tank' is not displayed although the water tank is empty.	There is a lot of limescale in the water tank.	▶ 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 ENA 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 ENA. It should be used to protect the machine during transport.

In order to protect the ENA from frost during transport, the system must be emptied.

Precondition: The start screen is displayed.

- ▶ Remove the milk pipe from the dual spout.
- ▶ Place a receptacle under the hot-water spout.



- ▶ Touch the product selector symbol to go to the product selector view.
- ▶ Touch '>' the number of times needed to display 'Hot water'.
- ▶ Touch 'Hot water'.
- ▶ Remove and empty the water tank. Water will flow out of the hot-water spout until the system is empty. 'Fill water tank'
- ▶ Press the On/Off button . Your ENA 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)	1.1 l
Holding capacity of bean container	125 g
Holding capacity of coffee grounds container	approx. 10 servings
Cable length	approx. 1.2 m
Weight	Aluminium variant: approx. 10.9 kg All other variants: approx. 9.4 kg
Dimensions (W × H × D)	27.1 × 32.3 × 44.5 cm
Milk system	HP1

Wireless connections:

CLARIS Smart / Smart mini filter cartridge (RFID technology)	Frequency band 13.56 MHz Max. transmission power < 1 mW
JURA Smart Connect (Bluetooth connection)	Frequency band 2.4 GHz Max. transmission power < 1 mW

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11 JURA contact details / Legal information

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- i** You will find additional contact details for your country at www.jura.com.
- i** 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
- 2014/53/EU – Wireless Voltage Directive

A detailed EU Declaration of Conformity for your ENA can be found at www.jura.com/conformity.

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 ENA may vary.

Feedback

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

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