

*jura*®



Instructions for use for ENA Micro 90

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# Your ENA Micro 90

<b>Control elements</b>	<b>34</b>
<b>Important information</b>	<b>36</b>
Proper use .....	36
For your safety .....	36
<b>1 Preparing and using for the first time</b>	<b>38</b>
JURA on the Internet .....	38
3-colour plain text display .....	38
Setting up the machine .....	38
Filling the bean container .....	39
First-time use .....	39
First-time use with filter cartridge activation .....	39
First-time use without filter cartridge activation .....	40
Determining the water hardness .....	40
Connecting milk .....	41
<b>2 Preparation</b>	<b>41</b>
Espresso, coffee .....	41
Latte macchiato, cappuccino .....	41
Milk foam .....	42
Ground coffee .....	42
Permanently setting the amount of water for the cup size .....	43
Adjusting the grinder .....	43
Hot water .....	43
<b>3 Daily operation</b>	<b>44</b>
Filling the water tank .....	44
Switching on the machine .....	44
Daily maintenance .....	44
Regular maintenance .....	44
Switching off the machine .....	44
<b>4 Permanent settings in programming mode</b>	<b>45</b>
Products .....	45
Setting the water hardness .....	45
Automatic switch-off .....	46
Unit for amount of water .....	46
Language .....	46
<b>5 Maintenance</b>	<b>47</b>
Rinsing the machine .....	47
Rinsing the milk system .....	47
Cleaning the milk system .....	48
Dismantling and rinsing the dual spout .....	48
Inserting and activating the filter .....	49
Changing the filter .....	50




Cleaning the machine.....	51
Descaling the machine .....	52
Descaling the water tank.....	53
Cleaning the bean container .....	53
<b>6 Display messages</b>	<b>54</b>
<b>7 Troubleshooting</b>	<b>55</b>
<b>8 Transport and environmentally friendly disposal</b>	<b>56</b>
Transport / Emptying the system .....	56
Disposal .....	56
<b>9 Technical data</b>	<b>56</b>
<b>10 Index</b>	<b>57</b>
<b>11 JURA contact details / Legal information</b>	<b>59</b>

## Symbol description

### Warnings

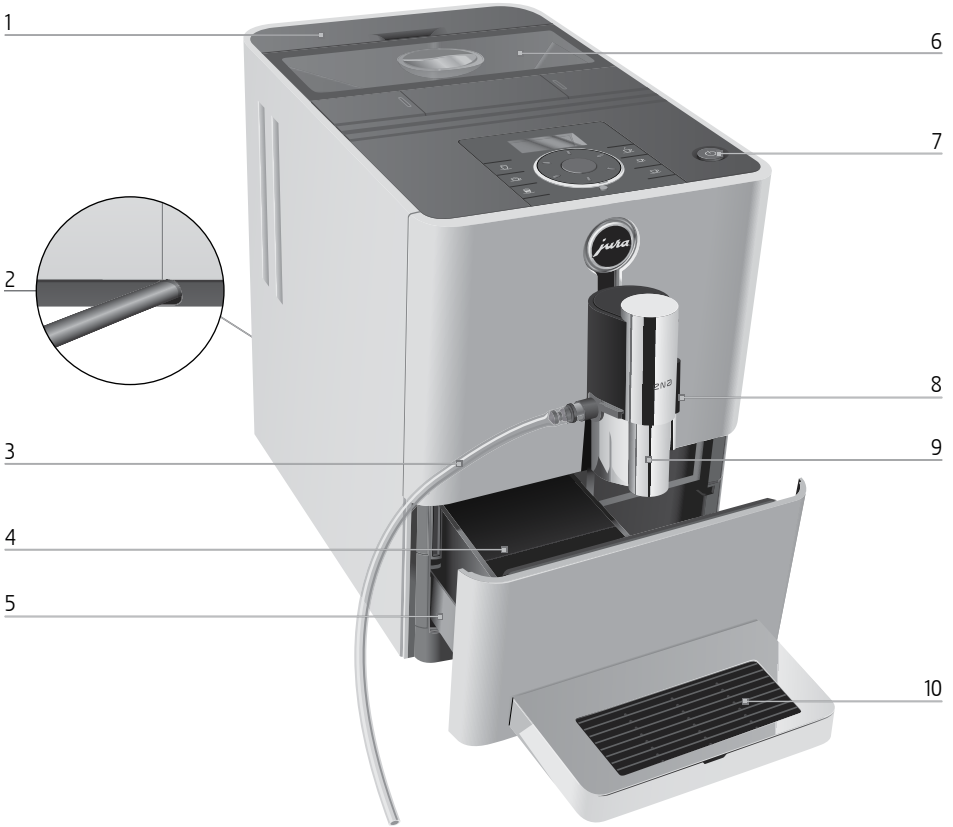
 <b>WARNING</b>	Always take note of any information marked with the words CAUTION or WARNING
 <b>CAUTION</b>	and a warning sign. The signal word <b>WARNING</b> draws your attention to potential serious injury, and the signal word <b>CAUTION</b> to potential minor injury.
<b>CAUTION</b>	<b>CAUTION</b>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

### Symbols used


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

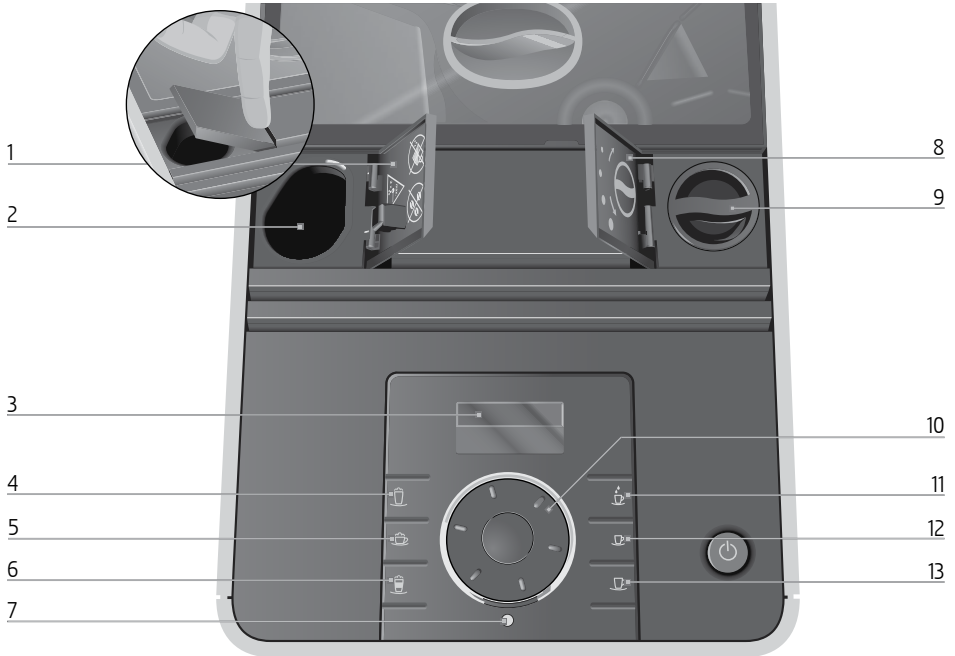
Control elements







# Control elements



- 1 Water tank
- 2 Mains cable (back of the machine)
- 3 Milk pipe
- 4 Coffee grounds container
- 5 Drip tray

- 6 Bean container with aroma preservation cover
- 7  On/Off button
- 8 Hot-water spout
- 9 Height-adjustable dual spout
- 10 Cup grille



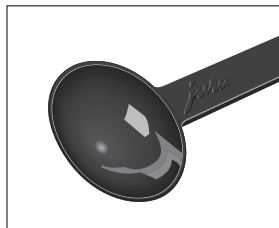
- |   |  |    |  |
|---|--|----|--|
| 1 | Cover for powder chute for ground coffee   | 8  | Cover cap for grinder adjustment switch  |
| 2 | Powder chute for ground coffee   | 9  | Grinder adjustment switch  |
| 3 | Display  | 10 | Rotary Switch  |
| 4 |  Milk Foam button         | 11 |  Hot Water button |
| 5 |  Cappuccino button       | 12 |  Espresso button |
| 6 |  Latte Macchiato button | 13 |  Coffee button  |
| 7 | Rotary Switch status display   |    |  |

## Accessories

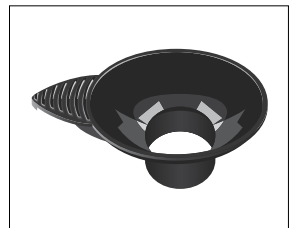
Container for milk system cleaning



Measuring spoon for ground coffee



Filler funnel for ground coffee



## 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.

- For models with a permanently connected mains cable: If the mains cable of this machine is damaged, it must be repaired either directly by JURA or by an authorised JURA service centre.
- For models with a disconnectable mains cable: 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 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.

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.
- Before cleaning, switch your ENA off with the On/Off button. 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').
- Connect the ENA 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 ENA.
- 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 Blue 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. On the JURA website ([www.jura.com](http://www.jura.com)) you will find interesting and up-to-date information on your ENA and on every aspect of coffee.

### 3-colour plain text display

Your ENA features a 3-colour plain text display. The colours of the display texts have the following meanings:

- Green: The ENA is ready for use.
- Red: The ENA is prompting you to perform some action.
- Yellow: You are in programming 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

### 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 of the bean container.
  - ▶ Remove any dirt or foreign objects from inside the bean container.
  - ▶ Fill the bean container with coffee beans.
  - ▶ Close the bean container.

## First-time use


When using the machine for the first time, you can choose whether you want to operate ENA **with** or **without** the CLARIS Blue filter cartridge. If the water hardness is 10 °dH or more, we recommend using the filter cartridge. If you do not know the hardness of your water, you can find this out first (see Chapter 1 'Preparing and using for the first time – Determining the water hardness').

### 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.

**Precondition:** The bean container has been filled.

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

SPRACHE DEUTSCH

- ▶ Turn the Rotary Switch until the required language is displayed, for example LANGUAGE ENGLISH.



- ▶ Press the Rotary Switch to confirm the language setting.

OK, the language is now set.

FILTER 4 / YES 4

- i** Now decide whether you want to operate your ENA **with** or **without** a CLARIS Blue filter cartridge.

## First-time use with filter cartridge activation

- ▶ Press the Rotary Switch.

OK

INSERT FILTER

- ▶ Remove the water tank.
- ▶ Open the filter holder.
- ▶ Insert the filter cartridge into the water tank, exerting slight pressure.



- ▶ Close the filter holder. It will click into place audibly.

- i** After two months, the filter will cease to work. Set the date on the date plate on the filter holder in the water tank.

## 1 Preparing and using for the first time

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

INSERT FILTER

- ▶ Place a receptacle (at least 500 ml) under the hot-water and dual spout.



- ▶ Press the Rotary Switch.

FILTER RINSING, water flows out of the hot-water spout.

- i** You can interrupt rinsing of the filter at any time by pressing any button. Press the Rotary Switch to continue rinsing of the filter.

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

Rinsing of the filter stops automatically.

SYSTEM FILLING, water flows out of the dual spout.

HEATING

READY

### First-time use without filter cartridge activation

- ▶ Turn the Rotary Switch until FILTER — / NO — is displayed.

- ▶ Press the Rotary Switch.

OK

16 °dH

- ▶ Turn the Rotary Switch to change the water hardness setting, e.g. to 25 °dH.

- ▶ Press the Rotary Switch.

OK

FILL WATER TANK

- ▶ Remove the water tank.



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

PRESS ROTARY

- ▶ Place a receptacle under the dual spout and the hot-water spout.

- ▶ Press the Rotary Switch.

SYSTEM FILLING, the system fills up with water.

HEATING

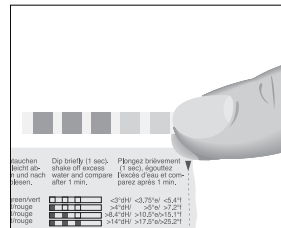
READY

### Determining the water hardness

You can find out what the water hardness is by using the Aquadur® test strip supplied as standard.

- ▶ Hold the test strip briefly (for one second) under running water.
- ▶ Shake off the water.
- ▶ Wait for about one 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.

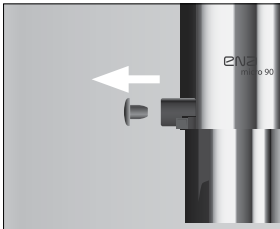


The water hardness can now be set.

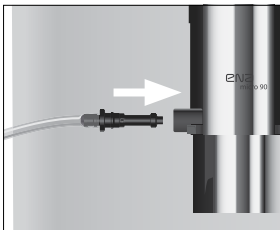
## Connecting milk

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 vacuum milk container.

- ▶ Remove the protective cover of the dual spout.



- ▶ Connect the milk pipe to the dual spout.



- ▶ Connect the other end of the milk pipe to a milk container or immerse it in a milk carton.

- i** Ensure that the filling height of the milk is **no higher** than the milk pipe connection on the dual spout.

## 2 Preparation

- i** You can interrupt preparation at any time while a speciality coffee, speciality coffee with milk or hot water is being prepared. Just press any button.

- i** Before and during the grinding operation you can change the **coffee strength** of espresso ☞, coffee ☞, cappuccino ☞ and latte macchiato ☞ by turning the Rotary Switch.
- i** During preparation, you can change the preset **amounts** (e.g. amount of milk foam or water) by turning the Rotary Switch.
- i** You can follow the current status of preparation on the progress bar.

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 – Products’).

### Espresso, coffee

Preparation of espresso ☞ and coffee ☞ follows this model.

**Example:** Proceed as follows to prepare one coffee.

**Precondition:** READY is displayed.

- ▶ Place a cup under the dual spout.
- ☞ ▶ Press the Coffee button to start preparation.  
COFFEE, the preset amount of water flows into the cup.  
Preparation stops automatically.  
READY

### Latte macchiato, cappuccino

Your ENA can prepare a latte macchiato or cappuccino at the touch of a button. There is no need to move the glass or cup.

Latte macchiato ☞ and cappuccino ☞ are prepared following this model.

**Example:** Proceed as follows to prepare one latte macchiato.

## 2 Preparation

**Precondition:** READY is displayed. Milk is connected to the dual spout.

- ▶ Place a glass under the dual spout.



- ▶ Press the Latte Macchiato button.

LATTE MAC , the milk foam is prepared.  
Preparation stops automatically when the preset amount of milk is reached.  
PAUSE

- 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. You can choose the length of this interval in programming mode (see Chapter 4 'Permanent settings in programming mode – Products').

LATTE MAC , coffee preparation starts.  
The preset amount of water flows into the glass.  
Preparation stops automatically.  
READY / M-RINSE

### Milk foam

**Precondition:** READY is displayed. Milk is connected to the dual spout.

- ▶ Place a cup under the dual spout.



- ▶ Press the Milk Foam button.

MILK, the milk foam is prepared.  
Preparation stops automatically when the preset amount of milk is reached.  
READY / M-RINSE

### Ground coffee

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

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

- i** If you did not fill the machine with a sufficient amount of ground coffee, NOT ENOUGH POWDER is displayed and the ENA stops the operation.

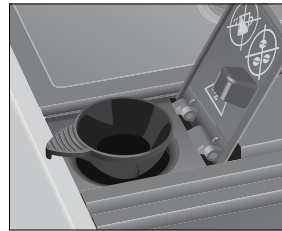
- i** The desired speciality coffee must be prepared within approximately one minute after filling with the ground coffee. Otherwise the ENA stops the operation and is once more ready for use.

The preparation of coffee, espresso, cappuccino and latte macchiato with ground coffee follows this model.

**Example:** Prepare a cup of coffee using ground coffee.

**Precondition:** READY is displayed.

- ▶ Place a cup under the dual spout.
- ▶ Open the powder chute for ground coffee.  
FILL POWDER
- ▶ Place the filler funnel for ground coffee on the powder chute.



- ▶ Place one level measuring spoon of ground coffee into the filler funnel.
- ▶ Close the powder chute for ground coffee.  
SELECT BUTTON





- ▶ Press the Coffee button to start preparation.  
COFFEE, the preset amount of water flows into the cup.  
Preparation stops automatically.  
READY

## Permanently setting the amount of water for the cup size

It is easy to make permanent settings for the amount of water for all speciality coffees and hot water according to the cup size. Adjust the amount once as shown in the following example. Every time you prepare a drink in the future, this amount will be dispensed.

**Example: Permanently** adjust the amount of cappuccino to the cup size.

**Precondition:** READY is displayed. Milk is connected to the dual spout.

- ▶ Place a cup under the dual spout.
-  ▶ Press and **hold** the Cappuccino button until ENOUGH MILK? appears.
-  ▶ **Release** the Cappuccino button.  
The milk foam is prepared.
- ▶ Press any button as soon as there is sufficient milk foam in the cup.  
OK  
ENOUGH COFFEE ?, the coffee flows into the cup.
- ▶ Press any button as soon as there is sufficient coffee in the cup.  
OK, CAPPUCCINO, the set amounts for one cappuccino are permanently stored.  
READY

**i** You can alter this setting at any time by repeating the above procedure.

## Adjusting the grinder

You can adjust the grinder on a continuous scale to suit the degree of roast of your coffee.

### CAUTION

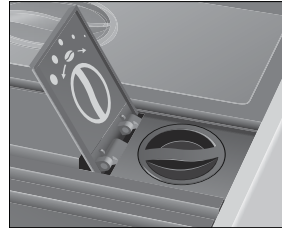
If you adjust the consistency of grind when the grinder is not operating, the grinder adjustment switch could be damaged.


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

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

**Example:** Change the consistency of grind **during** the preparation of an espresso.

- ▶ Place a cup under the dual spout.
- ▶ Open the cover cap of the grinder adjustment switch.



-  ▶ Press the Espresso button 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.  
READY


## Hot water

### CAUTION

There is a danger of scalding from hot water splashes.

- ▶ Avoid direct contact with the skin.

**Precondition:** READY is displayed.

- ▶ Place a cup under the hot-water spout.
-  ▶ Press the Hot Water button.  
WATER, the preset amount of water flows into the cup.  
Preparation stops automatically.  
READY

## 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.
- ▶ Remove the water tank and rinse with cold water.



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

### Switching on the machine

- ▶ Place a receptacle under the dual spout.
- ⏻ ▶ Press the On/Off button to switch the machine on.
- RINSING, the system rinses itself. The operation stops automatically.
- READY

### 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.

- ▶ Remove the drip tray.

- ▶ Empty the coffee grounds container and drip tray and rinse 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.
- ▶ Reinsert the coffee grounds container and the drip tray.
- ▶ Rinse the water tank with clean 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).

### 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 ENA 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.

**Precondition:** READY is displayed.

- ▶ Place a receptacle under the dual spout.
- ⏻ ▶ Press the On/Off button to switch the machine off.

- i** If milk has been prepared, you will be prompted to clean the milk system (M-CLEAN / START ?). After 10 seconds the switch-off process continues automatically.

RINSING, the system rinses itself. The operation stops automatically. Your ENA is switched off.

## 4 Permanent settings in programming mode

### Products

You can make the following permanent settings:

- **Espresso**
  - Amount of water: 15 ML – 80 ML
  - Coffee strength: 10 levels
  - Temperature: NORMAL, HIGH
- **Coffee**
  - Amount of water: 25 ML – 240 ML
  - Coffee strength: 10 levels
  - Temperature: NORMAL, HIGH
- **Latte macchiato and cappuccino**
  - Amount of milk foam: 3 SEC – 120 SEC
  - Interval: 0 SEC – 60 SEC
  - Coffee strength: 10 levels
  - Amount of water: 25 ML – 240 ML
  - Temperature: NORMAL, HIGH
- **Milk foam**
  - Amount of milk foam: 3 SEC – 120 SEC
- **Hot water**
  - Amount of water: 25 ML – 450 ML

Permanent settings in programming mode always follow the same model.

**Example:** Permanently change the coffee strength (FLAVOUR) of an espresso.

**Precondition:** READY is displayed.

- ▶ Press **and hold** the Rotary Switch until RINSE appears.

- ▶ Turn the Rotary Switch until PRODUCT is displayed.
- ▶ Press the Rotary Switch to enter the programme item.  
SELECT BUTTON

- i** Next select the button of the product for which you would like to make settings. No product is prepared at this point.

- ☒ ▶ Press the Espresso button.  
ESPRESSO  
WATER
- ▶ Turn the Rotary Switch until FLAVOUR is displayed.
- ▶ Press the Rotary Switch to enter the programme item.  
■■■■■■■■■■ (Example)
- ▶ Turn the Rotary Switch to change the setting.
- ▶ Press the Rotary Switch to confirm the setting.  
OK, the coffee strength is now set.  
FLAVOUR
- ▶ Turn the Rotary Switch until EXIT is displayed.
- ▶ Press the Rotary Switch to exit the programme item.  
PRODUCT
- ▶ Turn the Rotary Switch until EXIT is displayed.
- ▶ Press the Rotary Switch to exit programming mode.  
READY

### Setting the water hardness

- i** If you are using the CLARIS Blue filter cartridge and have activated it in programming mode, you will not be able to adjust 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.

#### 4 Permanent settings in programming mode

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

**Precondition:** READY is displayed.

- ▶ Press **and hold** the Rotary Switch until RINSE appears.
- ▶ Turn the Rotary Switch until HARDNESS is displayed.
- ▶ Press the Rotary Switch to enter the programme item.  
16 °dH (Example)
- ▶ Turn the Rotary Switch to change the setting.
- ▶ Press the Rotary Switch to confirm the setting.  
OK, the water hardness is now set.  
HARDNESS
- ▶ Turn the Rotary Switch until EXIT is displayed.
- ▶ Press the Rotary Switch to exit programming mode.  
READY

#### 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.

The automatic switch-off can be set to between 15 minutes and 9 hours.

**Precondition:** READY is displayed.

- ▶ Press **and hold** the Rotary Switch until RINSE appears.
- ▶ Turn the Rotary Switch until OFF AFTER is displayed.
- ▶ Press the Rotary Switch to enter the programme item.  
2 HRS (Example)
- ▶ Turn the Rotary Switch to change the setting.

- ▶ Press the Rotary Switch to confirm the setting.  
OK, the switch-off time is now set.  
OFF AFTER
- ▶ Turn the Rotary Switch until EXIT is displayed.
- ▶ Press the Rotary Switch to exit programming mode.  
READY

#### Unit for amount of water

You can change the unit for the amount of water from 'ml' to 'oz'.

**Precondition:** READY is displayed.

- ▶ Press **and hold** the Rotary Switch until RINSE appears.
- ▶ Turn the Rotary Switch until DISPLAY is displayed.
- ▶ Press the Rotary Switch to enter the programme item.  
ML (Example)
- ▶ Turn the Rotary Switch to change the setting.
- ▶ Press the Rotary Switch to confirm the setting.  
OK, the unit for the amount of water is now set.  
DISPLAY
- ▶ Turn the Rotary Switch until EXIT is displayed.
- ▶ Press the Rotary Switch to exit programming mode.  
READY

#### Language

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

**Example:** Change the language from ENGLISH to DEUTSCH.

**Precondition:** READY is displayed.



- ▶ Press **and hold** the Rotary Switch until `RINSE` appears.
- ▶ Turn the Rotary Switch until `LANGUAGE` is displayed.
- ▶ Press the Rotary Switch to enter the programme item.  
`ENGLISH`
- ▶ Turn the Rotary Switch until `DEUTSCH` is displayed.
- ▶ Press the Rotary Switch to confirm the setting.  
`OK`, the language is now set.  
`SPRACHE`
- ▶ Turn the Rotary Switch until `EXIT` is displayed.
- ▶ Press the Rotary Switch to exit programming mode.  
`BEREIT`

## 5 Maintenance

Your ENA has the following integrated maintenance programmes:

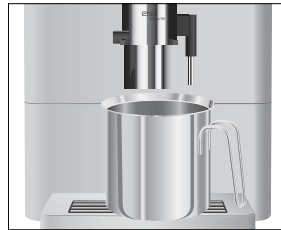
- Rinsing the machine (`RINSE`)
- Rinsing the milk system in the dual spout (`M-RINSE`)
- Cleaning the milk system in the dual spout (`M-CLEAN`)
- Changing the filter (`FILTER`) (only if filter is activated)
- Cleaning the machine (`CLEAN`)
- Descaling the machine (`DE-SCALE`)

- i** Clean or descale the machine, rinse the milk system or change the filter when you are prompted to do so.
- i** In the interests of hygiene, you should clean the milk system **daily** when you have been preparing milk.
- i** You can start the maintenance programmes at any time in programming mode (programme item `RINSE`).

### Rinsing the machine

**Precondition:** `READY` is displayed.

- ▶ Place a receptacle under the dual spout.



- ▶ Press **and hold** the Rotary Switch until `RINSE` appears.
- ▶ Press the Rotary Switch to enter the programme item.  
`M-CLEAN`
- ▶ Turn the Rotary Switch until `RINSE` is displayed.
- ▶ Press the Rotary Switch to initiate the rinse operation.  
`RINSING`, the system rinses itself. The operation stops automatically.  
`READY`

### Rinsing the milk system

After each milk preparation, the ENA prompts you to perform a milk system rinse.

**Precondition:** `READY` / `M-RINSE` is displayed.

- ▶ Place a receptacle under the dual spout.



- ▶ Press the Rotary Switch to start milk system rinsing.  
`RINSING`, the milk system is rinsed. The rinse stops automatically. `READY` appears on the display.


## Cleaning the milk system

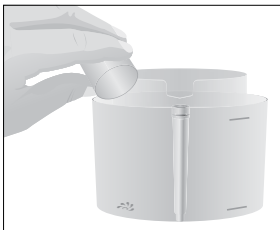
To ensure that the milk system in the dual spout always works properly, you must clean it **daily** when you have been preparing milk.

### CAUTION

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

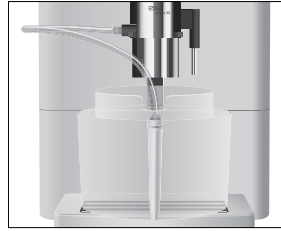
- ▶ Use only original JURA maintenance products.

- i** JURA milk system cleaner is available from specialised dealers.
- i** To clean the milk system, use the container supplied.
  - ▶ Press **and hold** the Rotary Switch until **RINSE** appears.
  - ▶ Press the Rotary Switch to enter the programme item. **M-CLEAN**
  - ▶ Press the Rotary Switch to start milk system cleaning. **AGENT FOR M-CLEAN**
  - ▶ Remove the milk pipe from the milk container or carton.
  - ▶ Fill the front part of the container (indicated by ) with 250 ml fresh water and 1 capful of milk system cleaner.



- ▶ Place the container under the dual spout.

- ▶ Connect the milk pipe to the container.



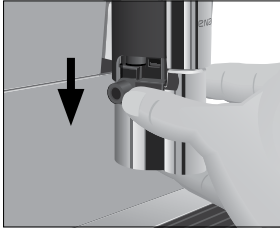
- i** To connect the milk pipe to the container correctly, the pipe must be fitted with a connector.
  - ▶ Press the Rotary Switch. **CLEANING**, the milk system and the pipe are cleaned. The operation is interrupted, **WATER FOR M-CLEAN**.
  - ▶ Rinse the container thoroughly and fill the front part with 250 ml fresh water.
  - ▶ Place the container under the dual spout and connect the milk pipe with the container again.
  - ▶ Press the Rotary Switch. **CLEANING**, the milk system and the pipe are rinsed with fresh water. The operation stops automatically. **READY**

## Dismantling and rinsing the dual spout

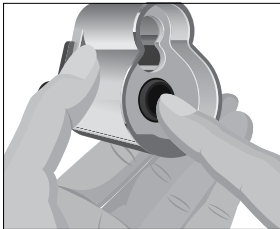
The dual spout must be dismantled and rinsed **daily** if milk has been prepared to make sure it functions perfectly and also in the interests of hygiene.

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

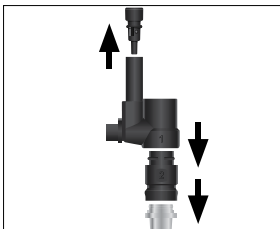
- ▶ Press the releasing devices and pull the dual spout down and off.



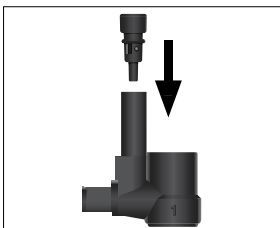
- ▶ Push the milk system down and remove it.



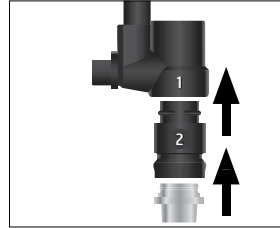
- ▶ Dismantle the milk system into its individual parts.



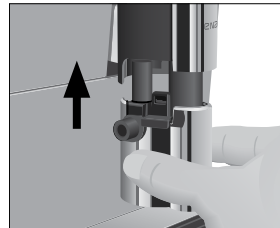
- ▶ Rinse all parts under running water. If a lot of milk residue has dried on, first soak the individual parts in a solution of 250 ml of cold water and 1 capful of JURA milk system cleaner and then rinse thoroughly.
- ▶ Fit the air intake pipe.



- ▶ Reassemble the milk system, noting the numbering on the parts.



- ▶ Insert the assembled individual parts into the dual spout and press them together. They will click into place audibly.
- ▶ Fit the dual spout on the machine. It will click into place audibly.



## Inserting and activating the filter

Your ENA no longer has to be descaled if you are using the CLARIS Blue filter cartridge. If you did not activate the filter cartridge the first time you used the machine, you can do this now as follows.

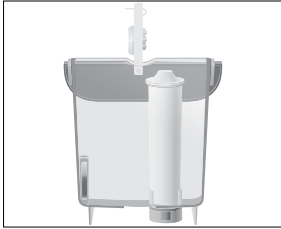
- i** Perform the 'inserting the filter' operation without any interruptions. This will ensure that your ENA always produces its best.

**Precondition:** READY is displayed.

- ▶ Press **and hold** the Rotary Switch until RINSE appears.
- ▶ Turn the Rotary Switch until FILTER — is displayed.
- ▶ Press the Rotary Switch to enter the programme item.  
NO —

## 5 Maintenance

- ▶ Turn the Rotary Switch until YES F is displayed.
- ▶ Press the Rotary Switch to confirm the setting.  
OK  
INSERT FILTER
- ▶ Remove and empty the water tank.
- ▶ Open the filter holder.
- ▶ Insert the filter cartridge into the water tank, exerting slight pressure.



- ▶ Close the filter holder. It will click into place audibly.
- i** After two months, the filter will cease to work. Set the date on the date plate on the filter holder in the water tank.
- ▶ Fill the water tank with fresh, cold water and reinsert it.
- ▶ Place a receptacle (at least 500 ml) under the hot-water spout.



- ▶ Press the Rotary Switch.  
FILTER RINSING, water flows out of the hot-water spout.
- i** You can interrupt rinsing of the filter at any time by pressing any button. Press the Rotary Switch to continue rinsing of the filter.

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

Rinsing of the filter stops automatically.

HEATING  
READY

The filter is now activated.

### Changing the filter

- i** After 50 litres of water have flowed through, the filter will cease to work. Your ENA will automatically prompt you to change the filter.
- i** After two months, the filter will cease to work. Set the date on the date plate on the filter holder in the water tank.
- i** If the CLARIS Blue filter cartridge is not activated in programming mode, you will not be prompted to change the filter.

**Precondition:** FILTER / READY is displayed.

- ▶ Press the Rotary Switch.  
INSERT FILTER
- ▶ Remove and empty the water tank.
- ▶ Open the filter holder and remove the old filter cartridge.
- ▶ Insert a new filter cartridge into the water tank, exerting slight pressure.



- ▶ Close the filter holder. It will click into place audibly.
- ▶ Fill the water tank with fresh, cold water and reinsert it.

- ▶ Place a receptacle (at least 500 ml) under the hot-water spout.



- ▶ Press the Rotary Switch.  
FILTER RINSING, water flows out of the hot-water spout.

**i** You can interrupt rinsing of the filter at any time by pressing any button. Press the Rotary Switch to continue rinsing of the filter.

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

Rinsing of the filter stops automatically.

HEATING  
READY

## Cleaning the machine

After 180 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.

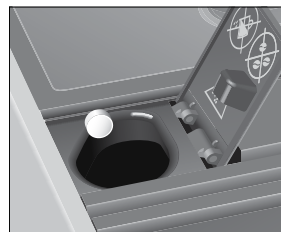
- i** The cleaning programme lasts approximately 15 minutes.
- i** Do not interrupt the cleaning programme. The quality of cleaning will be impaired if you do so.
- i** JURA cleaning tablets are available from specialised dealers.

**Precondition:** CLEAN / READY is displayed.

- ▶ Press the Rotary Switch.  
EMPTY TRAY
- ▶ Empty the drip tray and coffee grounds container and reinsert them.  
PRESS ROTARY
- ▶ Place a receptacle under the dual spout.



- ▶ Press the Rotary Switch.  
CLEANING, water flows out of the dual spout.  
The operation is interrupted, ADD TABLET.
- ▶ Open the powder chute for ground coffee and drop in a JURA cleaning tablet.



- ▶ Close the powder chute for ground coffee.  
PRESS ROTARY
- ▶ Press the Rotary Switch.  
CLEANING, water flows out of the dual spout repeatedly.  
EMPTY TRAY
- ▶ Empty the drip tray and coffee grounds container and reinsert them.  
READY

## 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.

- ▶ If you use a CLARIS Blue filter cartridge and this is activated, 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.

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

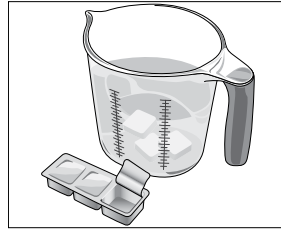
**Precondition:** DE-SCALE / READY is displayed.

- ▶ Press the Rotary Switch.  
EMPTY TRAY

- ▶ Empty the drip tray and coffee grounds container and reinsert them.

AGENT IN TANK

- ▶ Remove and empty the water tank.
- ▶ Completely dissolve the contents of one blister (three 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 reinsert the tank.

PRESS ROTARY

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



- ▶ Press the Rotary Switch.

DE-SCALING, water flows out of the hot-water spout repeatedly.

EMPTY TRAY

- ▶ Empty the drip tray and coffee grounds container and reinsert them.

FILL WATER TANK

- ▶ Empty the receptacle and place it under the dual and hot-water spout.



- ▶ Remove the water tank, rinse thoroughly, fill with fresh, cold water and reinsert.

PRESS ROTARY

- ▶ Press the Rotary Switch.

DE-SCALING, water flows out of the dual and hot-water spout.

The operation is interrupted, EMPTY TRAY.

- ▶ Empty the drip tray and coffee grounds container and reinsert them.

READY

- 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 Blue filter cartridge, remove it.
- ▶ 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 thoroughly.
- ▶ If you use a CLARIS Blue filter cartridge, reinsert it.
- ▶ Fill the water tank with fresh, cold water and reinsert it.

## 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.

- ▶ Press the On/Off button to switch the machine off.
- ▶ Disconnect the mains plug.
- ▶ Remove the bean container cover.
- ▶ Remove the coffee beans with a vacuum cleaner.
- ▶ Clean the bean container with a soft, dry cloth.
- ▶ Fill the bean container with fresh coffee beans, then close the bean container cover.

## 6 Display messages

Message	Cause/Result	Action
FILL WATER TANK	The water tank is empty or not correctly inserted. You cannot prepare any products.	<ul style="list-style-type: none"> <li>▶ Fill the water tank (see Chapter 3 'Daily operation – Filling the water tank').</li> <li>▶ Insert the water tank.</li> </ul>
EMPTY GROUNDS TRAY	The coffee grounds container is full. No speciality coffees can be prepared, but hot water preparation is possible.	▶ Empty the coffee grounds container and the drip tray (see Chapter 3 'Daily operation – Daily maintenance').
MISSING	The drip tray is not inserted correctly or is not inserted at all. You cannot prepare any products.	▶ Insert the drip tray.
FILL BEANS	The bean container is empty. No speciality coffees can be prepared, but hot water preparation is possible.	▶ Fill the bean container (see Chapter 1 'Preparing and using for the first time – Filling the bean container').
CLOSE COVER	The aroma preservation cover for the bean container is not fitted or not fitted correctly.	▶ Fit the aroma preservation cover correctly.
PRESS ROTARY	The ENA is prompting you to perform a rinse or continue a maintenance programme that was already started.	▶ Press the Rotary Switch to start the rinse or to continue the maintenance programme.
READY / M-RINSE	The ENA requests a milk system rinse.	▶ Press the Rotary Switch to start milk system rinsing.
READY / CLEAN	The ENA is prompting you to clean it.	▶ Perform cleaning (see Chapter 5 'Maintenance – Cleaning the machine').
READY / DE-SCALE	The ENA is prompting you to descale it.	▶ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').
READY / FILTER	The filter cartridge no longer works. The ENA is prompting a filter change.	▶ Replace the CLARIS Blue filter cartridge (see Chapter 5 'Maintenance – Changing the filter').
NOT ENOUGH POWDER	There is insufficient ground coffee in the machine; the ENA stops the operation.	▶ The next time you prepare a beverage, add more ground coffee (see Chapter 2 'Preparation – Ground coffee').
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.



## 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"> <li>▶ Clean the dual spout (see Chapter 5 'Maintenance – Cleaning the milk system').</li> <li>▶ Dismantle and rinse the dual spout. (see Chapter 5 'Maintenance – Dismantling and rinsing the dual spout').</li> </ul>
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.	▶ Set the grinder to a coarser setting or use coarser ground coffee (see Chapter 2 'Preparation – Adjusting the grinder').
Water hardness cannot be adjusted.	The CLARIS Blue filter cartridge is activated.	▶ Deactivate the CLARIS Blue filter cartridge in programming mode.
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 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.	–	<ul style="list-style-type: none"> <li>▶ Switch off the ENA with the On/Off button.</li> <li>▶ Contact customer support in your country (see Chapter 11 'JURA contact details / Legal information').</li> </ul>

**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:** READY is displayed.

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



- ▶ Press the Hot Water button.  
WATER, hot water flows out of the hot-water spout.
- ▶ Remove and empty the water tank.  
Hot water will continue to flow until the system is empty.  
FILL WATER TANK
- ▶ Press the On/Off button to switch the machine 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	<b>CE</b>
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. 1.1 m
Weight	Approx. 9.4 kg
Dimensions (W × H × D)	23 × 32.3 × 44.5 cm

## 10 Index

### A

- Addresses 59
- Aroma preservation cover
  - Bean container with aroma preservation cover 34
- Automatic switch-off 46

### B

- Bean container
  - Bean container with aroma preservation cover 34
  - Cleaning 53
  - Filling 39
- Bus bar
  - Technical data 56
- Button
  - Cappuccino button 35
  - Coffee button 35
  - Espresso button 35
  - Hot Water button 35
  - Latte Macchiato button 35
  - Milk Foam button 35
  - On/Off button 34

### C

- Cappuccino 41
- Cappuccino frother cleaning
  - Cleaning the milk system 48
- Cappuccino frother rinsing
  - Rinsing the milk system 47
- CLARIS Blue filter cartridge
  - Changing 50
  - Inserting and activating the filter 49
- Cleaning
  - Bean container 53
  - Machine 51
- Coffee 41
- Coffee grounds container 34
- Consistency of grind
  - Adjusting the grinder 43
  - Grinder adjustment switch 35
- Contact details 59
- Cup grille 34
- Customer support 59

### D

- Descaling
  - Machine 52
  - Water tank 53
- Display 35, 38
- Display messages 54
- Disposal 56
- Drip tray 34
- Dual spout
  - Dismantling and cleaning 48
  - Height-adjustable dual spout 34

### E

- Emptying the system 56
- Errors
  - Troubleshooting 55
- Espresso 41

### F

- Filler funnel
  - Filler funnel for ground coffee 35
- Filling
  - Bean container 39
  - Water tank 44
- Filter
  - Changing 50
  - Inserting and activating the filter 49
- First-time use 39
  - With filter cartridge activation 39
  - Without filter cartridge activation 40

### G

- Grinder adjustment switch 35
- Ground coffee 42
  - Measuring spoon for ground coffee 35
  - Powder chute for ground coffee 35

### H

- Hotline 59
- Hot water 43
- Hot-water spout 34

### I

- Instant coffee
  - Ground coffee 42
- Internet 38

## J

### JURA

- Contact details 59
- Internet 38

## L

- Language 46
- Latte macchiato 41

## M

### Machine

- Cleaning 51
- Descaling 52
- Regular maintenance 44
- Rinsing 47
- Setting up 38
- Switching off 44
- Switching on 44

### Mains cable 34

### Maintenance 47

- Daily maintenance 44
- Regular maintenance 44

### Measuring spoon for ground coffee 35

### Messages, display 54

### Milk

- Connecting milk 41

### Milk foam 42

### Milk system

- Cleaning 48
- Rinsing 47

## P

### Permanently setting the water for the cup size 43

### Permanent settings in programming mode 45

### Powder chute

- Powder chute for ground coffee 35

### Preparation 41

- Cappuccino 41
- Coffee 41
- Espresso 41
- Ground coffee 42
- Hot water 43
- Latte macchiato 41
- Milk foam 42

### Problems

- Troubleshooting 55

### Programming mode 45

- Automatic switch-off 46

### Language 46

### Products 45

### Setting the water hardness 45

- Unit for amount of water 46

### Proper use 36

## R

### Regular maintenance 44

### Rinsing

- Machine 47

### Rotary Switch 35

- Status display 35

### Rotary Switch status display 35

## S

### Safety 36

### Safety information 36

### Settings

- Permanent settings in programming mode 45

### Setting up

- Setting up the machine 38

### Spout

- Height-adjustable dual spout 34
- Hot-water spout 34

### Switching off 44

### Switching on 44

### Switch-off

- Automatic switch-off 46

### Symbol description 33

## T

### Technical data 56

### Tel 59

### Transport 56

### Troubleshooting 55

## U

### Unit for amount of water 46

### Use, First-time 39

## W

### Water hardness

- Determining the water hardness 40
- Setting the water hardness 45

### Water tank 34

- Descaling 53

- Filling 44

### Website 38

## 11 JURA contact details / Legal information

JURA Elektroapparate AG  
Kaffeeweltstrasse 10  
CH-4626 Niederbuchsiten  
Tel. +41 (0)62 38 98 233

@ You will find additional contact details for your country at [www.jura.com](http://www.jura.com).

### 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 ENA may vary.

### Feedback

Your opinion is important to us! Use the contact details at [www.jura.com](http://www.jura.com).

### Copyright

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