

jura[®]



Instructions for Use
E8 with Touchscreen



Your E8

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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	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 E8.
	Display

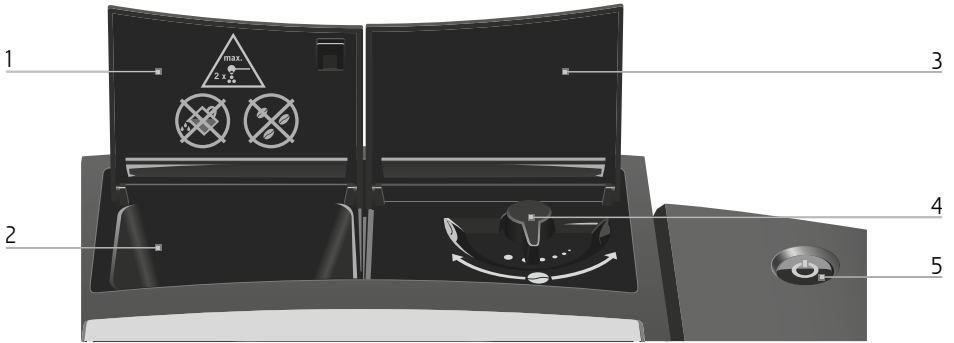
Control elements


Control elements

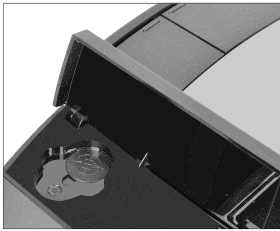


- 1 Bean container with aroma preservation cover
- 2 Water tank cover
- 3 Water tank
- 4 Coffee grounds container
- 5 Drip tray

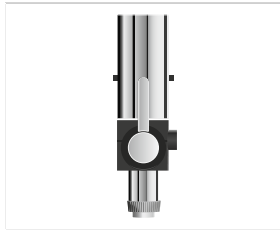
- 6 Touchscreen display
- 7 Milk system with fine foam frother
- 8 Height-adjustable coffee spout
- 9 Cup grille



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



Service socket for optional JURA Smart Connect



Professional fine foam frother^{G2} (used in various models)

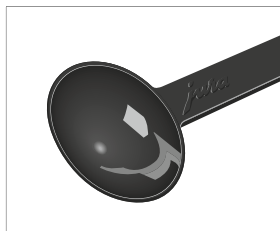


Hot-water nozzle (used in various models)

Accessories



Container for milk system cleaning



Measuring spoon 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 power 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 machines with a plug-in 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 E8 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 E8 using the On/Off button . Only then should you remove the mains plug from the power socket.

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

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

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

- Never allow the mains cable to loosely hang down. The mains cable could pose a tripping hazard or become damaged.
- Protect the E8 from environmental influences such as rain, frost and direct sunlight.
- Before cleaning, switch the E8 off with the On/Off button . Always wipe the E8 with a damp cloth rather than a wet one, and protect it from prolonged exposure to water splash.
- Do not immerse the E8, mains cable or connections in water.
- Do not put the E8 or any individual parts in the dishwasher.
- Do not use alkaline cleaning agents; only use a soft cloth and mild cleaning agents.
- 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 E8. Further technical data is provided in these instructions for use (see Chapter 9 'Technical data').
- Connect the E8 directly to a domestic power socket. Using multi-socket adapters or extension cords may cause overheating.
- Please only use original JURA maintenance products. Use of products that are not explicitly recommended by JURA could damage the machine.
- Do not use any coffee beans treated with additives or caramelised coffee beans.
- Only fill the water tank with fresh, cold water.

- Switch the machine off with the On/Off button  if you are going to be absent for a longer period of time and remove the mains plug from the power socket.
- Children may not clean or service the machine unless supervised by a responsible person.
- Do not allow children to play with the machine.
- Keep children under the age of 8 away from the machine, or supervise them constantly.
- Children aged 8 and over may only operate the machine without supervision if they have been instructed in how to use it safely. Children must be able to recognise and understand the potential dangers arising from incorrect use.

People, including children, who

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

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

Safety when handling the CLARIS Smart filter cartridge:

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

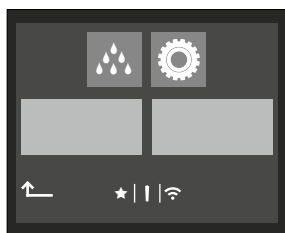
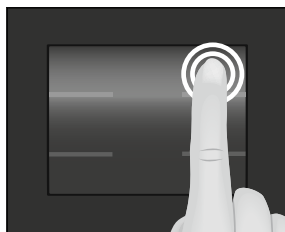
1 Preparing and using for the first time

JURA on the Internet

Visit us on the Internet. You can download **short operating instructions** for your machine from the JURA website (www.jura.com). You will also find interesting and up-to-date information on your E8 and on every aspect of coffee.

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

Operation with touchscreen display and dashboard

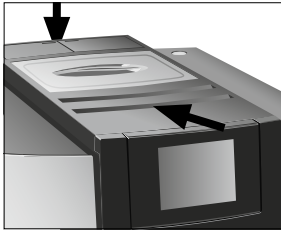


The touchscreen display provides an intuitive and convenient way of operating your E8:

- **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 E8:
 - 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 E8 by means of a bar display within the message.
- Other symbols on the dashboard:
 - 🍷: Filter mode
 - ★: 'Smart mode' is activated (see Chapter 4 'Permanent settings in programming mode – Smart mode').
 - 📶: Your E8 is connected to the Cool Control milk cooler (available as an optional accessory).

Setting up the machine



When setting up your E8, please note the following:

- Place the E8 on a horizontal surface that is not sensitive to water.
- Choose a spot for your E8 which protects the machine against overheating. Ensure that the ventilation slots are not covered.

Filling the bean container

CAUTION

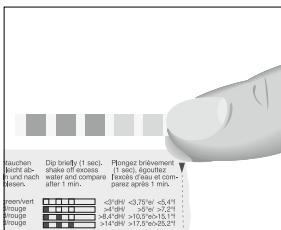
Coffee beans which have been treated with additives (e.g. sugar), ground coffee or freeze-dried coffee will damage the grinder.

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

Determining the water hardness

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

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




First-time use

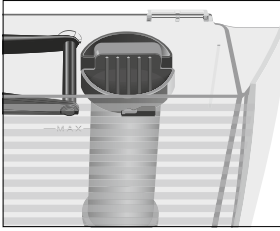
-
- ⚠ WARNING** If the machine is operated with a defective mains cable, there is a danger of potentially fatal electric shock.
- ▶ Never use a machine which is damaged or has a defective mains cable.

-
- CAUTION** Milk, sparkling mineral water or other liquids can damage the water tank or the machine.
- ▶ Only fill the water tank with fresh, cold water.
-

Precondition: The bean container has been filled.

- ▶ Insert the mains plug into a power socket.
 - ▶ Press the On/Off button  to switch the E8 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 to confirm the setting.
‘Water hardness’
- i** If you do not know the hardness of your water, you must find this out first (see Chapter 1 ‘Preparing and using for the first time – Determining the water hardness’).
- ▶ Touch ‘>’ or ‘<’ to change the water hardness setting.
 - ▶ Touch ‘Save’.
‘Saved’ appears briefly on the display.
‘Use filter’ / ‘Insert filter’
 - ▶ Place a receptacle under the fine foam frother.
 - ▶ Remove the water tank and rinse it with cold water.
 - ▶ Fit the filter cartridge extension supplied on top of the CLARIS filter cartridge Smart.





- ▶ Insert the filter cartridge with its extension into the water tank.
- ▶ Turn the filter cartridge clockwise until it audibly clicks into place.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.

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

'Use filter' / 'Saved'

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

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

'System is filling', water flows out of the fine foam frother.

'Empty drip tray'

- ▶ Empty the drip tray and put it back into the machine.

'Machine is heating'

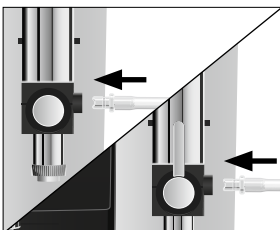
The start screen is displayed. Your E8 is ready for use.

The CLARIS Smart filter cartridge communicates with your E8 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 E8 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 fine foam frother.
- ▶ Connect the milk pipe to the fine foam frother.
- ▶ 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 E8 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.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
- ▶ Touch the 'Machine settings' symbol .
- ▶ Touch '>'.
- ▶ Touch 'Connect accessory'.
- ▶ Now follow the instructions on the display to connect the accessory to the E8.

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 E8 to your preferred position on the start screen and make it one of your favourites (see Chapter 2 'Preparation – Adjusting the product settings').
- Your E8 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.

Ristretto, espresso and coffee



Example: Proceed as follows to prepare one coffee.

Precondition: The start screen is displayed.

- ▶ Place a cup under the coffee spout.
 - ▶ Touch '**Coffee**'.
- Preparation starts. The preset amount of water for coffee flows into the cup.
- Preparation stops automatically. The start screen is displayed.

Two ristretti, two espressi and two coffees



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

Precondition: The start screen is displayed.

- ▶ Place two cups under the coffee spout.
- ▶ Touch the product selector symbol to go to the product selector view.
- ▶ Touch ‘>’ the number of times needed to display ‘2 x Espresso’.
- ▶ Touch ‘2 x Espresso’.

Preparation starts. The preset amount of water for the espressi flows into the cups. Preparation stops automatically. The start screen is displayed.

Latte macchiato, cappuccino and other speciality coffees with milk

Your E8 prepares latte macchiato, cappuccino and other speciality coffees with milk at the touch of a button. There is no need to move the glass or cup.

Example: Proceed as follows to prepare one latte macchiato.

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

- ▶ Place a glass under the fine foam frother.



- ▶ If you are using the professional fine foam frother, set the selector switch to the Milk Foam position.
 - ▶ Touch the product selector symbol to go to the product selector view.
 - ▶ Touch ‘>’ the number of times needed to display ‘Latte macchiato’.
 - ▶ Touch ‘Latte macchiato’.
- ‘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.

Coffee preparation starts. The preset amount of water for espresso flows into the glass. Preparation stops automatically. The start screen is displayed.

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

Milk foam and hot milk

Example: Proceed as follows to prepare **milk foam**.

Precondition: The start screen is displayed. Milk is connected to the milk system.



- ▶ Place a cup under the fine foam frother.
 - ▶ If you are using the professional fine foam frother, you can choose between **milk foam** and **hot milk**. If you wish to prepare milk foam, set the selector switch to the vertical position. For hot milk, set it to the horizontal position.
 - ▶ Touch the product selector symbol to go to the product selector view.
 - ▶ Touch ‘>’ the number of times needed to display ‘1 portion milk’.
 - ▶ Touch ‘1 portion milk’.
- The milk foam is prepared. The preset amount of milk flows into the cup.
- Preparation stops automatically. The start screen is displayed.

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

Ground coffee

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

Basic information about ground coffee:

- Never add more than two level measuring spoons of ground coffee.
- Use ground coffee which is not ground too finely. Very fine coffee can block up the system so that the coffee only comes out in drips.
- If you did not fill the machine with a sufficient amount of ground coffee, 'Not enough ground coffee' is displayed and the E8 stops the operation.
- The desired speciality coffee must be prepared within approximately one minute after filling with the ground coffee. Otherwise the E8 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 a cup under the dual spout.
- ▶ Open the cover of the filler funnel for ground coffee.
'Ground coffee' / 'Please add ground coffee'
- ▶ Place one level measuring spoon of ground coffee into the filler funnel.
- ▶ Close the cover of the filler funnel.
- ▶ Touch 'Espresso'.

Preparation starts. 'Espresso' and the fill volume are displayed. The preset amount of water for coffee flows into the cup. Preparation stops automatically. The start screen is displayed.



Adjusting the grinder

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

CAUTION

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

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

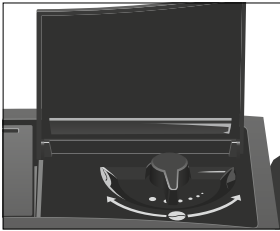
The consistency of grind is correct if the coffee flows regularly from the coffee spout. In addition a fine, thick crema forms.

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

Precondition: The start screen is displayed.

- ▶ Place a cup under the coffee spout.
- ▶ Open the cover of the grinder adjustment switch.
- ▶ Touch **'Espresso'** to start preparation.
- ▶ Turn the grinder adjustment switch to the desired position **while** the grinder is running.

The preset amount of water flows into the cup. Preparation stops automatically. The start screen is displayed.



Hot water

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

⚠ 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 nozzle.
- ▶ 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'**.

'Hot water', the preset amount of water flows into the cup. Preparation stops automatically. The start screen is displayed.

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 (normal, high), replace product
'Coffee'	Water: 25 ml – 240 ml	Coffee strength (10 levels), temperature (normal, high), replace product

2 Preparation

Product	Amount	More settings
'2 x Ristretto', '2 x Espresso', '2 x Coffee'	Water: the amount set for the single product is doubled.	Temperature (as for single product), replace product
'Cappuccino', 'Flat White'	Water: 25 ml – 240 ml Milk: 3 sec. – 120 sec.	Coffee strength (10 levels), temperature (normal, high), replace product
'Latte macchiato'	Water: 25 ml – 240 ml Milk: 3 sec. – 120 sec. Interval: 0 sec. – 60 sec.	Coffee strength (10 levels), temperature (normal, high), replace product
'Espresso macchiato'	Water: 15 ml – 80 ml Milk: 3 sec. – 120 sec.	Coffee strength (10 levels), temperature (normal, high), replace product
'1 portion milk'	Milk: 3 sec. – 120 sec.	Replace product
'Hot water'	Water: 25 ml – 450 ml	Temperature (low, normal, high), replace product

Permanent settings in programming mode always follow the same model.

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

Precondition: The start screen is displayed.

- ▶ Touch **'Espresso'** for **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 **'↑'** the number of times needed to display the start screen again.

3 Daily operation

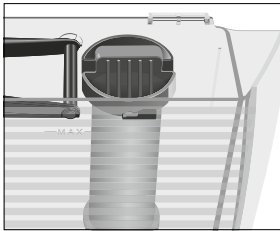
Filling the water tank

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.
-



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

Switching on the machine



- ▶ Place one receptacle under the coffee spout and another under the fine foam frother.
- ▶ Press the On/Off button  to switch the E8 on.

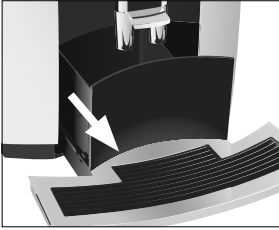
'Machine is heating'

'Machine is rinsing'

'Milk system is being rinsed'

Your E8 is ready for use.

Daily maintenance



To ensure that you get many years of reliable service out of your E8 and to guarantee the optimum coffee quality, the machine requires daily maintenance.

- ▶ Pull out the drip tray.
- ▶ Empty the coffee grounds container and the drip tray. Rinse them both with warm water.
- i** Always empty the coffee grounds container when the machine is **switched on**. This is the only way of resetting the coffee grounds counter.
 - ▶ Refit the coffee grounds container and the drip tray.
 - ▶ Rinse the water tank with clean water.
 - ▶ Clean the fine foam frother (see Chapter 5 'Maintenance – Cleaning the fine foam frother').
 - ▶ Remove the milk pipe and rinse it thoroughly under running water.
 - ▶ Dismantle and rinse the fine foam frother (see Chapter 5 'Maintenance – Dismantling and rinsing the fine foam frother').
 - ▶ 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' ⚙️ section of your dashboard under '**Lock display**'.

You will find more information about caring for your E8 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 E8 is equipped with the **HP3** 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 E8 is switched off, the system is automatically rinsed if a speciality coffee has been prepared. If milk has been prepared, the dashboard of your E8 will also prompt you to clean the milk system. If this happens, follow the instructions on the display.

- ▶ Place one receptacle under the coffee spout and another under the fine foam frother.
- ▶ 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 E8 is switched off.

4 Permanent settings in programming mode

Touch ‘ P ’ to enter the dashboard of your E8. 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 E8 should switch off automatically.
‘Units’	▶ Select the unit for the amount of water.
‘Water hardness’	▶ You can set the water hardness of the water used.
‘Rinse the milk system’	▶ Change the setting for the milk system rinsing.
‘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 E8 wirelessly to a JURA accessory or disconnect the connection again.
‘Factory setting’	▶ Reset the machine to its factory setting.
‘Smart mode’	▶ Have the products arranged on the start screen according to how often they are prepared.
‘Product counter’, ‘Maintenance counter’	▶ Keep track of all products prepared and view the number of maintenance programmes performed.
‘Version’	Software version

Language

In this programme item you can set the language used by your E8.

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 '⏪' the number of times needed to display the start screen again.

Automatic switch-off

By instructing your E8 to automatically switch itself off, you can cut down your energy consumption. If this function is activated, your E8 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 '⏪' the number of times needed to display the start screen again.

Unit for amount of water

In the programme item 'Units' 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 'Units'.
- ▶ Touch 'oz'.
- ▶ Touch 'Save'.
- ▶ 'Saved' appears briefly on the display.
- ▶ Touch '⏪' the number of times needed to display the start screen again.


Setting the water hardness

The harder the water is, the more frequently the E8 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.

Milk system rinsing

In the programme item 'Rinse the milk system' you can make the following settings:

- 'Manual': The milk system rinsing can be initiated manually via the dashboard in the 'Maintenance status' section.
- 'Automatic': The milk system rinsing is automatically initiated 15 minutes after preparation of a speciality coffee with milk.

Example: Proceed as follows to set the milk system rinsing to be initiated **automatically** 15 minutes after the preparation.


- ▶ Touch 'P'.
- ▶ Touch the 'Machine setting'  symbol.
- ▶ Touch '>' until the programme item 'Rinse the milk system' is displayed.
- ▶ Touch 'Rinse the milk system'.
- ▶ Touch 'Automatic'.
- ▶ 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?'
- ▶ Touch 'Yes'.
- 'Saved' appears briefly on the display.
Your E8 is switched off.


Smart mode

Your E8 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 '↑' 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 '↑' 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 E8 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 E8 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' to start the rinse operation.

'Machine is rinsing'

The rinse stops automatically. The start screen is displayed.

Rinsing the fine foam frother

After each milk preparation, the E8 prompts you to perform a milk system rinse.

In programming mode, you can set whether the milk system rinsing is to be initiated manually or automatically 15 minutes after preparation (see Chapter 4 'Permanent settings in programming mode – Milk system rinsing').



Precondition: The start screen is displayed.

- ▶ Place a receptacle under the fine foam frother.
 - ▶ Touch 'P'.
 - ▶ Touch ☼.
 - ▶ Touch 'Rinse the milk system' to start the rinse operation. 'Milk system is being rinsed' appears and the fine foam frother is rinsed.
- The operation stops automatically.

Cleaning the fine foam frother

The fine foam frother must be **cleaned daily** if milk has been prepared to make sure it functions perfectly and also in the interests of hygiene.

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 fine foam frother.

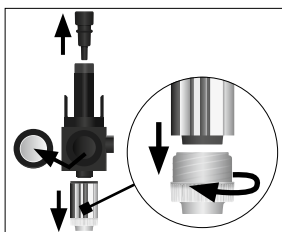
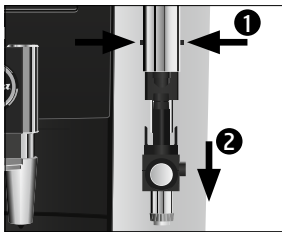




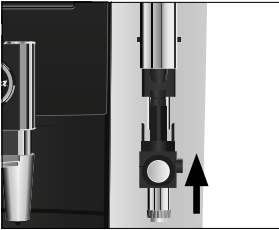
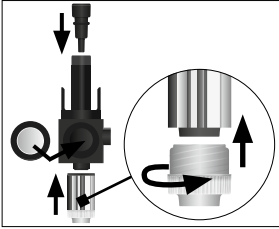
- ▶ Connect the milk pipe to the container.
- i** To connect the milk pipe to the container correctly, the pipe must be fitted with a connector.
 - ▶ Touch **'Start'**.
'Milk system is being cleaned'
The operation is interrupted, **'Fresh water'**.
 - ▶ Rinse the container thoroughly and fill the front part with fresh water up to the **upper mark**.
 - ▶ Place this under the fine foam frother and reconnect the milk pipe to the container.
 - ▶ Touch **'Next'**.
'Milk system is being cleaned'
The operation stops automatically.

Dismantling and rinsing the fine foam frother

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



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



- ▶ Re-assemble the fine foam frother.

i Ensure that all individual parts are correctly and firmly connected to ensure optimum operation.

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

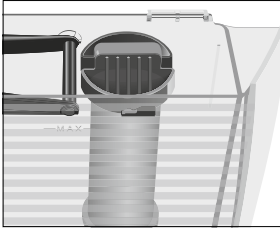
Inserting/changing the filter

Your E8 no longer has to be descaled if you are using the CLARIS Smart filter cartridge.

- i** Once the filter cartridge stops working (depending on the water hardness setting), the E8 will prompt you to change the filter.
- i** CLARIS Smart 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.
- ▶ Turn the filter cartridge anticlockwise and remove it along with the extension from the water tank.
- ▶ Fit the filter cartridge extension on top of a **new** CLARIS Smart filter cartridge.



- ▶ Insert the filter cartridge with its extension into the water tank.
- ▶ Turn the filter cartridge clockwise until it audibly clicks into place.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.

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

The start screen is displayed. Your E8 is once more ready for use.

The CLARIS Smart filter cartridge communicates with your E8 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 180 preparations or 80 switch-on rinses, the E8 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.

5 Maintenance



- ▶ Place one receptacle under the coffee spout and another under the fine foam frother.
- ▶ Touch 'Next'.
'Machine is being cleaned' appears and water flows out of the coffee spout and the fine foam frother.
The operation is interrupted, 'Add cleaning tablet'.
- ▶ Open the cover of the filler funnel for ground coffee.



- ▶ Insert a JURA cleaning tablet into the filler funnel.
- ▶ Close the cover of the filler funnel.
- ▶ Touch 'Next'.
'Machine is being cleaned', water flows repeatedly out of the coffee spout and the fine foam frother.
The operation stops automatically.
'Empty coffee grounds container'
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
Cleaning is now complete. The start screen is displayed.

Descaling the machine

The E8 builds up deposits of limescale over time and automatically prompts you to descale it when necessary. The degree of calcification depends on the hardness of your water.

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

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

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

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

- ▶ Use only original JURA maintenance products.

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

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

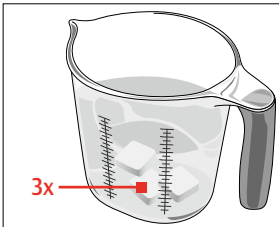
CAUTION If the descaling agent comes into contact with sensitive surfaces (e.g. marble), damage cannot be ruled out.

- ▶ Clean up any splashes immediately.

- i** The descaling programme lasts approximately 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 coffee spout and another under the fine foam frother.
- ▶ Touch ‘Next’.
‘Machine is being descaled’ appears and water flows out of the fine foam frother repeatedly.
The operation is interrupted, ‘Empty drip tray’.
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
‘Rinse the water tank’
‘Fill water tank’
- ▶ Remove the water tank and rinse it thoroughly.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.




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

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

Cleaning the bean container

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

Precondition: The bean container is empty.

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

Descaling the water tank

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

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

6 Display messages


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'	The coffee grounds container is full. You cannot prepare any products.	▶ Empty the coffee grounds container and the drip tray (see Chapter 3 'Daily operation – Daily maintenance').
'Drip tray not fitted'	The drip tray is not inserted correctly or is not inserted at all. You cannot prepare any products.	▶ Fit the drip tray.
'Fill bean container'	The bean container is empty. You cannot prepare any speciality coffees, but you can prepare hot water and milk.	▶ Fill the bean container (see Chapter 1 'Preparing and using for the first time – Filling the bean container').

Messages on the dashboard

Message	Cause/Result	Action
'Filter' The filter symbol on the dashboard lights up red.	The filter cartridge no longer works.	▶ Replace the CLARIS Smart filter cartridge (see Chapter 5 'Maintenance – Inserting/ changing the filter').
'Clean'	The E8 is prompting you to clean it.	▶ Perform cleaning (see Chapter 5 'Maintenance – Cleaning the machine').
'Descale'	The E8 is prompting you to descale it.	▶ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').
'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 out of the fine foam frother.	The fine foam frother is dirty.	<ul style="list-style-type: none"> ▶ Clean the fine foam frother (see Chapter 5 'Maintenance – Cleaning the fine foam frother'). ▶ Dismantle and rinse the fine foam frother (see Chapter 5 'Maintenance – Dismantling and rinsing the fine foam frother').
Coffee only comes out in drips when it is being prepared.	The coffee is ground too finely and obstructs the system.	▶ Set the grinder to a coarser setting (see Chapter 2 'Preparation – Adjusting the grinder').
	The water hardness may not have been correctly set.	▶ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').
'Fill water tank' is displayed although the water tank is full.	The water tank float is trapped.	▶ Descale the water tank (see Chapter 5 'Maintenance – Descaling the water tank').
Grinder is making a very loud noise.	There are foreign objects in the grinder.	▶ Contact customer support in your country (see Chapter 11 'JURA contact details / Legal information').
'ERROR 2' or 'ERROR 5' is displayed.	If the machine has been exposed to the cold for a long period of time, heating may be disabled for safety reasons.	▶ Warm the machine at room temperature.
Other 'ERROR' messages are displayed.	–	▶ Switch the E8 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 E8. It should be used to protect the machine during transport.

In order to protect the E8 from frost during transport, the system must be emptied.



Precondition: The start screen is displayed.

- ▶ Remove the milk pipe from the fine foam frother.
 - ▶ Place a receptacle under the fine foam frother.
 - ▶ Touch 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.
Hot water will continue to flow until the system is empty.
‘Fill water tank’
 - ▶ Press the On/Off button .
- Your E8 is switched off.

Disposal

Please dispose of old machines in an environmentally neutral way.



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

9 Technical data

Voltage	220 – 240 V ~, 50 Hz
Power	1450 W
Conformity mark	CE
Pump pressure	static, max. 15 bar
Holding capacity of water tank (without filter)	1.9 l
Holding capacity of bean container	280 g
Holding capacity of coffee grounds container	max. 16 portions
Cable length	approx. 1.1 m
Weight	approx. 9.8 kg
Dimensions (W × H × D)	28.0 × 34.6 × 44.4 cm

Wireless connections

CLARIS Smart 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

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

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11 JURA contact details / Legal information

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

- 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 E8 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 E8 may vary.

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