X10 Instructions for Use

Original instructions for use

Before using the machine read the instructions for use.

JURA Type 754

Your X10

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Symbol description

Warnings

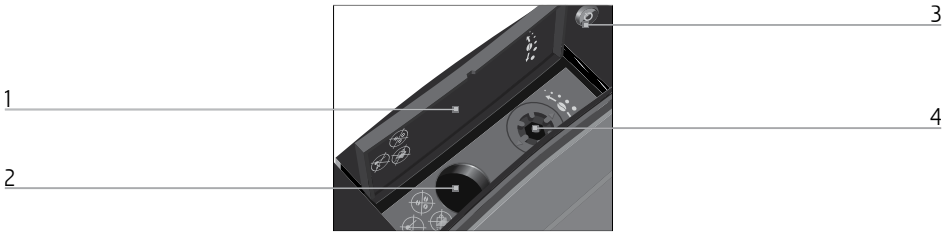
⚠ **WARNING** ⚠ **CAUTION**	Always take note of any information marked with the words CAUTION or WARNING and a warning sign. The signal word **WARNING** draws your attention to potential serious injury, and the signal word **CAUTION** to potential minor injury.
CAUTION	**CAUTION** draws your attention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

Symbols used

▸	**Prompt to take action.** This symbol means that you are being prompted to perform some action.
i	**Information** and tips to make it even easier to use your X10.
'Coffee'	**Display**

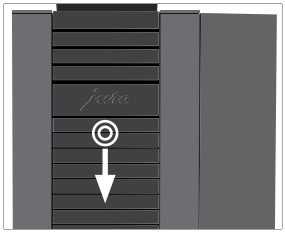
Control elements

1 Bean container with aroma preservation cover (lockable)
2 Water tank cover (lockable)
3 Water tank
4 Hot-water spout
5 Mains cable (permanently connected or plug-in) (back of the machine)
6 Coffee grounds container
7 Touchscreen display
8 Height-adjustable dual spout
9 Insert for drip tray
10 Cup grille
11 Drip tray

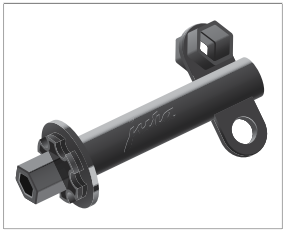


1 Cover
2 Filler funnel for cleaning tablet
3 On/Off button ⏻
4 Grinder adjustment wheel

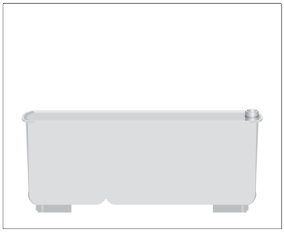
Back of the machine: Service socket with JURA Smart Connect



Accessories



Spanner for aroma preservation cover, water tank cover and grinder adjustment wheel



Container for milk system cleaning

Important information

Proper use

This machine is intended for use by specialist or trained staff in businesses, light industry and agricultural facilities or for commercial use by non-professionals. 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.

The X10 may only be operated by instructed persons. Non-professionals must be supervised during use.

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 X10 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 X10 using the On/Off button ⏻. Only then should you remove the mains plug from the power socket.

There is a risk of scalds or burns on the spouts.

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

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 X10 from environmental influences such as rain, frost and direct sunlight.
- Do not immerse the X10, mains cable or connections in water.
- Do not put the X10 or any individual parts in the dishwasher.
- Before cleaning, switch the X10 off with the On/Off button ⏻. Always wipe the X10 with a damp cloth rather than a wet one, and protect it from prolonged exposure to water splash.
- 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 X10. Further technical data is provided in these instructions for use (see Chapter 9 'Technical data').
- Connect the X10 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 Pro 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

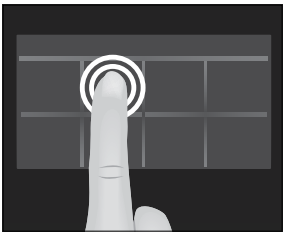
JURA on the Internet

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 X10 and on every aspect of coffee.

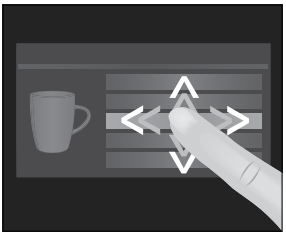
If you need assistance with using your machine, you can find this at www.jura.com/service.

Operation with touchscreen display

Your X10 features an intuitive touchscreen display. There are two ways of operating the touch display:



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



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

Setting up the machine

When setting up your X10, please note the following:

- Place the X10 on a horizontal surface that is not sensitive to water (minimum height of 80 cm).
- Choose a spot for your X10 which protects the machine against overheating. Ensure that the ventilation slots are not covered.

Filling the bean container

The aroma preservation cover of the bean container is lockable (spanner supplied as standard).

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

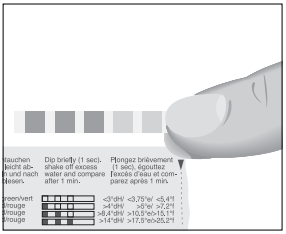
- ▸ Only use roasted, untreated coffee beans to fill the bean container.

- ▸ 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.



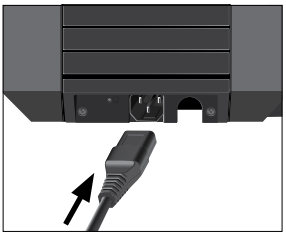
First-time use

⚠ 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.

- For machines with a **plug-in** mains cable: Connect the mains cable to the machine.
- Insert the mains plug into a power socket.
- Press the On/Off button ⏻ to switch the X10 on.

'Sprachauswahl' / 'Deutsch'

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

- Touch 'Save'.

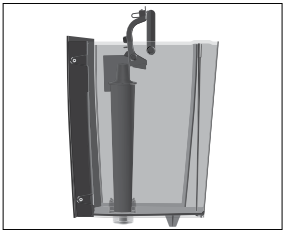
'Saved' appears briefly on the display to confirm the setting.
'Water hardness'

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

- Move your finger across the display to change the water hardness setting, e.g. to '25 °dH'.
- Touch 'Save'.

'Saved' appears briefly on the display.
'Insert filter'

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

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

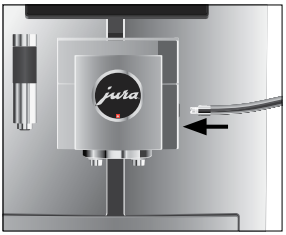
'Filter operation' / 'Saved'
'Filter is being rinsed', Water flows directly into the drip tray. Rinsing of the filter stops automatically.
'System is filling', the system fills up with water.
'Empty drip tray'

- ▸ Empty the drip tray and coffee grounds container and put them back into the machine.
  'Machine is rinsing', the system is rinsed.
  The rinse stops automatically. Your X10 is ready for use.

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

Connecting milk

Your X10 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 JURA milk cooler.



- ▸ Connect the milk pipe to the dual spout.
- ▸ Connect the other end of the milk pipe to a milk container or a milk cooler.

Settings by the JURA service technician

Your authorised JURA service technician can assign various codes. For each code, you can define which programme items are available or disabled. Each code corresponds to different authorisations. For instance, you can define that initiation of the maintenance programmes is disabled using a code.

You can also obtain the following optional accessories for your X10 from your JURA service partner:

- Coffee grounds disposal / drip drain set
- Fresh water kit

Connect accessory (with wireless connection)

Your X10 is equipped with the JURA Smart Connect. This allows you to connect the machine wirelessly to a compatible JURA accessory (e.g. the Cool Control milk cooler).

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 ’.
  ‘Maintenance status’
- ▸ Move your finger across the display until ‘Machine settings’ is displayed in the centre.
- ▸ Touch ‘Machine settings’.
  ‘Switch off after’
- ▸ Move your finger across the display until ‘Connect accessory’ is displayed in the centre.
- ▸ Touch ‘Connect accessory’.
  ‘Connect accessory’
- ▸ Now follow the instructions on the display to connect the accessory to the X10.

2 Preparation

Basic information about preparing drinks:

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

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

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

Ways of preparing a beverage

The X10 offers various ways of preparing a speciality coffee, milk or hot water.

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

'Espresso'	'Coffee'	'Caffè Barista'	'Lungo Barista'
'Hot water'	'Cappuccino'	'Latte macchiato'	'1 portion milk'

You can change the start screen display so that 2, 5 or 8 products are displayed (see Chapter 4 'Permanent settings in programming mode – Adapting the start screen').

Preparation using the product selector view: Only some of the products you can prepare are shown on the start screen. As soon as you touch the product selector symbol in the top right, more products are displayed in a **product selector view.** Move your finger across the display to bring the desired product into focus. Touch the

product to start preparation. The following additional products are shown in the product selector view:

‘Ristretto’	‘2 x Coffee’
‘Special’	‘2 x Special’
‘Macchiato’	‘2 x Caffè Barista’
‘Flat White’	‘2 x Lungo Barista’
‘Caffè latte’	‘2 x Cappuccino’
‘1 portion milk foam’	‘2 x Latte macchiato’
‘Espresso doppio’	‘2 x Macchiato’
‘Jug of coffee’	‘2 x Flat White’
‘Hot water for black tea’	‘2 x Caffè latte’
‘Hot water for green tea’	‘2 x 1 portion milk’
‘2 x Ristretto’	‘2 x 1 portion milk foam’
‘2 x Espresso’	

- The product selector view disappears automatically after 10 seconds if no preparation is started.
- The last product selected always appears first in the product selector view.
- You can move any of the standard products programmed in your X10 to your preferred position on the start screen and make it one of your favourites. You can duplicate and personalise your favourite speciality coffees by giving them a new product name and individual settings (e.g. amount and coffee strength) (see Chapter 4 ‘Permanent settings in programming mode – Adjusting the product settings’). Please note that the descriptions provided in the following sections always refer to the default settings.

Preparing speciality coffees

Example: Proceed as follows to prepare one coffee.
Precondition: The start screen is displayed.

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

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

  Preparation stops automatically. The start screen is displayed.

Preparing two speciality coffees

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

Precondition: The start screen is displayed.

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

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

Preparing speciality coffees with milk

Your X10 prepares latte macchiato, cappuccino, flat white and other speciality coffees with milk at the touch of a button. There is no need to move the glass or cup.

Example: Proceed as follows to prepare one latte macchiato.

Precondition: The start screen is displayed. Milk is connected to the dual spout.

- ▸ Place a glass under the dual spout.
- ▸ Touch 'Latte macchiato'.

  'Latte macchiato', the preset amounts of milk and milk foam flow 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.

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

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

Espresso doppio

'Doppio' is Italian for 'double'. When you select Espresso doppio, two espressi are prepared one after the other. The result is an extra full-bodied and aromatic speciality coffee.

Caffè Barista and lungo Barista

For the 'caffè Barista' and 'lungo Barista', the X10 blends the coffee with hot water using a special preparation method. This results in a full-bodied speciality coffee which is particularly easy to digest. You can change the amount of this additional water (see Chapter 4 'Permanent settings in programming mode – Adjusting the product settings').

ℹ The 'caffè Barista' and 'lungo Barista' can also be prepared as a double product.

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 wheel could be damaged.

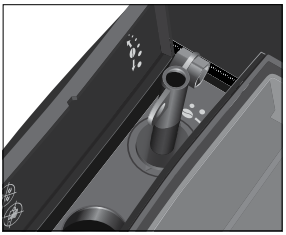
- ▸ Only adjust the consistency of grind when the grinder is running.

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

You can set the consistency of grind using the spanner provided.

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

- ▸ Place a cup under the dual spout.
- ▸ Open the cover behind the bean container.
- ▸ Touch 'Espresso'.
- ▸ Turn the grinder adjustment wheel to the desired position **while** the grinder is running.
  The preset amount of water flows into the cup. Preparation stops automatically.
- ▸ Close the cover.



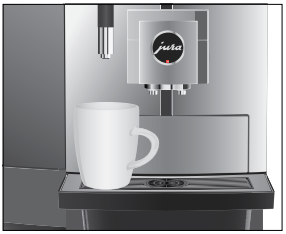
Hot water

The X10 allows you to prepare different variants of hot water:

- 'Hot water'
- 'Hot water for green tea'
- 'Hot water for black tea'

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

- ▸ Avoid direct contact with the skin.



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

- ▸ Place a cup under the hot-water spout.
- ▸ Touch the product selector symbol (top right) to go to the product selector view.
- ▸ Move your finger across the display until 'Hot water for green tea' is displayed in the centre.
- ▸ Touch 'Hot water for green tea'.
  'Hot water for green tea', the preset amount of water flows into the cup.
  Preparation stops automatically. The start screen is displayed.

3 Daily operation

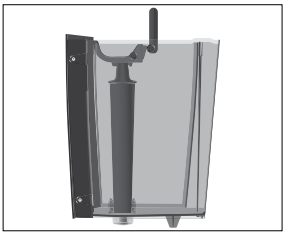
Filling the water tank

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.

You can lock the water tank cover with the spanner provided.

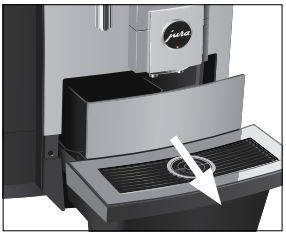


- ▸ Open the water tank cover.
- ▸ Remove the water tank and rinse it with cold water.
- ▸ Fill the water tank with fresh, cold water and reinsert the tank.
- ▸ Close the water tank cover.

Switching on the machine

- ▸ Place a receptacle under the dual spout.
- ▸ Press the On/Off button ⏻ to switch the X10 on.
  'Welcome to JURA'.
  'Machine is heating'.
  'Machine is rinsing', the system is rinsed. The rinse stops automatically. Your X10 is ready for use.

Daily maintenance



To ensure that you get many years of reliable service out of your X10 and to guarantee the optimum coffee quality, the machine requires daily maintenance.

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

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

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

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

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

You will find more information about caring for your X10 in programming mode under 'Maintenance status' / 'Maintenance information'.

Regular maintenance

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

- In the interests of hygiene, we recommend changing the milk pipe and interchangeable milk spout on a regular basis (approximately every 3 months). Replacements are available from specialised dealers. Your X10 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 X10 is switched off, the system is automatically rinsed if a speciality coffee has been prepared.

ℹ If milk has been prepared, you will also be prompted to clean the milk system. If this happens, follow the instructions on the display.

Precondition: The start screen is displayed.

▸ Place a receptacle under the dual spout.

▸ Press the On/Off button ⏻.

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

If milk has been prepared but you have not started milk system cleaning, the milk system is rinsed first ('Milk system is being rinsed').
'Machine is rinsing', the system rinses itself. The operation stops automatically. Your X10 is switched off.

4 Permanent settings in programming mode

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

Programme item	Sub-item	Explanation
'Maintenance status' ('1/4')	'Clean', 'Change the filter' (only if filter is fitted), 'Descale', 'Clean the milk system', 'Rinse', 'Maintenance information' 'Lock display'	▸ **Here you can start** the required maintenance programme or find out what maintenance actions are required.
'Machine settings' ('2/4')	'Switch off after'	▸ Set the time after which the X10 should switch off automatically.
	'Save energy'	▸ Activate energy-saving mode.
	'Lock/enable'	▸ Disable various machine functions of the X10.
	'Werkseinstellung'	▸ Reset the machine to its factory setting.
	'Unit'	▸ Select the unit for the amount of water.
	'Display'	▸ Change the display brightness.
	'Water hardness'	▸ You can set the water hardness of the water used.
	'Choose language'	▸ Select your language.
	'Connect accessory', 'Disconnect accessories' (Only displayed if the JURA Smart Connect is being used.)	▸ Connect the X10 wirelessly to a JURA accessory or disconnect the connection again.
	'Empty system'	▸ Empty the system to protect it from frost during transport.
	'Version'	Software version
	'Start screen'	▸ Change the number of products displayed on the start screen.

Programme item	Sub-item	Explanation
'Product settings' ('3/4')		▸ Select your settings for speciality coffees and hot water.
'Information' ('4/4')	'Product counter', 'Day counter', 'Maintenance counter'	▸ Keep track of all products prepared and view the number of maintenance programmes performed.

Product settings

Touch a product for **approximately 2 seconds** to view the list of setting options:

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

You can also make these settings in programming mode, in the 'Product settings' programme item.

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

Adjusting the product settings

The following permanent settings can be made:

Product	Coffee strength	Amount	More settings
'Ristretto' 'Espresso'	10 levels	Water: 15 ml – 80 ml	Temperature (low, normal, high), product name, delete/replace/copy/double product
'Coffee' 'Special'	10 levels	Water: 25 ml – 240 ml	Temperature (low, normal, high), product name, delete/replace/copy/double product
'Caffè Barista' 'Lungo Barista'	10 levels	Water: 25 ml – 240 ml Bypass water: 0 ml – 240 ml	Temperature (low, normal, high), product name, delete/replace/copy/double product

Product	Coffee strength	Amount	More settings
'Espresso doppio'	10 levels	Water: 30 ml – 160 ml (2 strokes)	Temperature (low, normal, high), product name, delete/replace/copy product
'Jug of coffee'	10 levels	Water: 25 ml – 240 ml Bypass water: 0 ml – 240 ml	Number of strokes (1–5), Temperature (low, normal, high), product name, delete/replace/copy product
'Cappuccino'	10 levels	Water: 25 ml – 240 ml Milk foam: 0 sec. – 120 sec.	Milk foam temperature table (10 levels), product name, delete/replace/copy/double product
'Latte macchiato'	10 levels	Water: 25 ml – 240 ml Milk foam: 0 sec. – 120 sec. Milk: 0 sec. – 120 sec. Interval: 0 sec. – 60 sec.	Milk and milk foam temperature (10 levels), product name, delete/replace/copy/double product
'Caffè latte' 'Flat White'	10 levels	Water: 25 ml – 240 ml Milk foam: 0 sec. – 120 sec. Milk: 0 sec. – 120 sec.	Milk and milk foam temperature (10 levels), product name, delete/replace/copy/double product
'Macchiato'	10 levels	Water: 15 ml – 80 ml Milk foam: 0 sec. – 120 sec.	Milk foam temperature table (10 levels), product name, delete/replace/copy/double product
'1 portion milk' '1 portion milk foam'	–	Milk foam: 0 sec. – 120 sec. Milk: 0 sec. – 120 sec.	Milk and milk foam temperature (10 levels), product name, delete/replace/copy/double product
'Hot water' 'Hot water for green tea' 'Hot water for black tea'	–	Water: 25 ml – 450 ml	Temperature (low, normal, high), product name, delete/replace/copy product
Double products	–	The amounts set for the single product are doubled.	Temperature (low, normal, high), product name, delete 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 'Product settings'.
  'Espresso'
- ▸ Move your finger across the display until 'Coffee strength' is displayed in the centre.
- ▸ Now move your finger to the left or right to change the setting.
- ▸ Touch 'Save'.
  'Saved' appears briefly on the display.
- ▸ Touch 'Back' to return to the start screen.

Automatic switch-off

By instructing your X10 to automatically switch itself off, you can cut down your energy consumption. If this function is activated, your X10 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, 1–15 hours, or inactive.

Precondition: The start screen is displayed.

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

Energy-saving mode

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

- 'Save energy' / '1'
  - Soon after the last preparation, the X10 stops heating up. The 'ESM' symbol (Energy Save Mode, E.S.M.©) is displayed.
  - Before you can prepare a speciality coffee, speciality coffee with milk, or hot water, the machine must heat up.
- 'Save energy' / '0'
  - All speciality coffees, speciality coffees with milk and hot water can be prepared without having to wait.

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

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

Enabling and disabling functions

In the programme item 'Machine settings' / 'Lock/enable' you can disable/enable the following settings:

- 'One-off settings': One-off settings can be made **during preparation** (e.g. coffee strength or amount of water).
- 'Expert mode': You can access the product settings directly by touching a product that is displayed on the start screen for approximately 2 seconds.
- 'Product selector view': **Product selector view** with additional products can be started by touching the product selector symbol.

- ‘Alarm displays’: The start screen displays messages such as ‘Clean machine’ or ‘Clean the milk system’.

Example: Proceed as follows to prevent **one-off settings** being made during preparation.

Precondition: The start screen is displayed.

- ▸ Touch ‘ P ’.
  ‘Maintenance status’
- ▸ Move your finger across the display until ‘Machine settings’ is displayed in the centre.
- ▸ Touch ‘Machine settings’.
  ‘Switch off after’
- ▸ Move your finger across the display until ‘Lock/enable’ is displayed in the centre.
- ▸ Touch ‘Lock/enable’.
- ▸ Touch ‘One-off settings’.
  The lock symbol is closed.
- ▸ Touch ‘Back’ the number of times needed to display the start screen again.

Restore factory settings

In the programme item ‘Machine settings’ / ‘Werkseinstellung’ the machine can be reset to its factory setting. Your X10 then switches off.

Precondition: The start screen is displayed.

- ▸ Touch ‘ P ’.
  ‘Maintenance status’
- ▸ Move your finger across the display until ‘Machine settings’ is displayed in the centre.
- ▸ Touch ‘Machine settings’.
  ‘Switch off after’
- ▸ Move your finger across the display until ‘Werkseinstellung’ is displayed in the centre.
- ▸ Touch ‘Werkseinstellung’.
  ‘Werkseinstellung’ / ‘Reset the machine to the factory setting?’
- ▸ Touch ‘Yes’.
  ‘Saved’ appears briefly on the display.
  Your X10 is switched off.

Unit for amount of water

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

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

Precondition: The start screen is displayed.

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

Display brightness

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

Precondition: The start screen is displayed.

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

- ▸ Touch ‘Save’.
  ‘Saved’ appears briefly on the display.
  ‘Display’
- ▸ Touch ‘Back’ the number of times needed to display the start screen again.

Setting the water hardness

The harder the water is, the more frequently the X10 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 ’.
  ‘Maintenance status’
- ▸ Move your finger across the display until ‘Machine settings’ is displayed in the centre.
- ▸ Touch ‘Machine settings’.
  ‘Switch off after’
- ▸ Move your finger across the display until ‘Water hardness’ is displayed in the centre.
- ▸ Touch ‘Water hardness’.
- ▸ Now move your finger to the left or right to change the setting.
- ▸ Touch ‘Save’.
  ‘Saved’ appears briefly on the display.
  ‘Water hardness’
- ▸ Touch ‘Back’ the number of times needed to display the start screen again.

Language

In this programme item you can set the language used by your X10.

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

- ▸ Touch ‘ P ’.
  ‘Maintenance status’
- ▸ Move your finger across the display until ‘Machine settings’ is displayed in the centre.
- ▸ Touch ‘Machine settings’.
  ‘Switch off after’
- ▸ Move your finger across the display until ‘Choose language’ is displayed in the centre.
- ▸ Touch ‘Choose language’.
- ▸ Move your finger across the display until the desired language, e.g. ‘Deutsch’, is displayed in the centre.
- ▸ Touch ‘Speichern’.
  ‘Gespeichert’ appears briefly on the display.
  ‘Sprachauswahl’
- ▸ Touch ‘Zurück’ the number of times needed to display the start screen again.

Adapting the start screen

In the ‘Machine settings’ / ‘Start screen’ programme item, you can define how many products (2, 5 or 8) are displayed on the start screen.

Example: Proceed as follows to change the start screen display to 5 products.
Precondition: The start screen is displayed.

- ▸ Touch ‘ P ’.
  ‘Maintenance status’
- ▸ Move your finger across the display until ‘Machine settings’ is displayed in the centre.
- ▸ Touch ‘Machine settings’.
  ‘Switch off after’
- ▸ Move your finger across the display until ‘Start screen’ is displayed in the centre.
- ▸ Touch ‘Start screen’.
- ▸ Move your finger across the display until ‘5 products’, for example, is displayed in the centre.
- ▸ Touch ‘Save’.
  The start screen is displayed.

5 Maintenance

Your X10 has the following integrated maintenance programmes:

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

ℹ Carry out each maintenance programme 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.

Rinsing the machine

You can initiate the rinse operation manually at any time.

Precondition: The start screen is displayed.

- ▸ Place a receptacle under the dual spout.
- ▸ Touch ‘ P ’.
  ‘Maintenance status’
- ▸ Touch ‘Maintenance status’.
  ‘Clean’
- ▸ Move your finger across the display until ‘Rinse’ is displayed in the centre.
- ▸ Touch ‘Rinse’ to start the rinse operation.
  ‘Machine is rinsing’, ‘Milk system is being rinsed’, water flows out of the dual spout.
  The rinse stops automatically. Your X10 is once more ready for use.

Automatic milk system rinsing

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

Cleaning the milk system

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

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

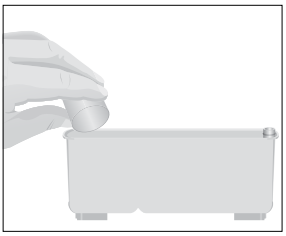
- ▸ Use only original JURA maintenance products.

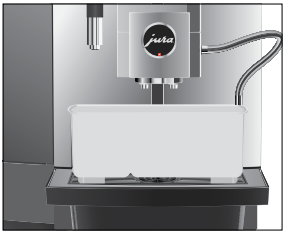
ℹ JURA milk system cleaner is available from specialised dealers.

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

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

- ▸ Touch 'Clean the milk system'.
- ▸ Touch 'Clean the milk system'.
- ▸ Touch 'Next'.
  'Milk system cleaner' / 'Connect the milk tube'
- ▸ Remove the milk pipe from the milk container or milk cooler.
- ▸ Add a capful of milk system cleaner to the **rear** part of the container.





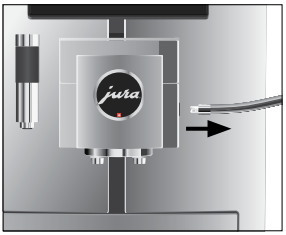
- ▸ Place the container under the dual spout and connect the milk pipe with the container.

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

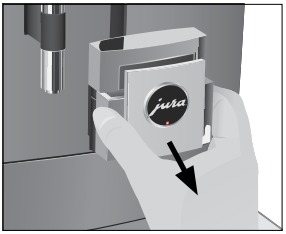
- ▸ Touch 'Start'.
  'Milk system is being cleaned', the dual spout and the milk pipe are cleaned.
  The operation stops automatically. Your X10 is once more ready for use.

Dismantling and rinsing the dual spout

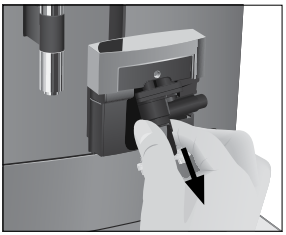
The dual spout must be dismantled and rinsed **daily** if milk has been prepared to make sure it functions perfectly and also in the interests of hygiene.



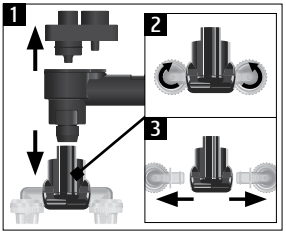
▸ Remove the milk pipe and rinse it thoroughly under running water.



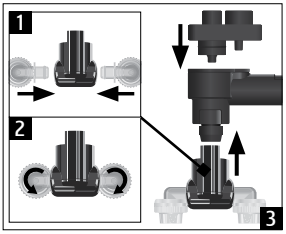
▸ Pull the cover of the dual spout forwards and off.



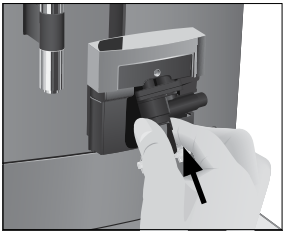
▸ Remove the milk system from the dual spout.



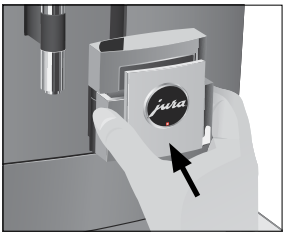
▸ Dismantle the milk system into its individual parts.
▸ Rinse all the parts under running water. If there are severely dried-on milk residues, firstly immerse the individual parts in a solution of 250 ml cold water and 1 capful of JURA milk system cleaner. Then rinse the parts thoroughly.



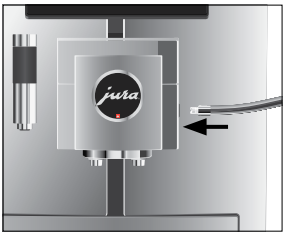
▸ Reassemble the milk system.



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



▸ Fit the cover of the dual spout.



▸ Connect the milk pipe to the dual spout.

Inserting/changing the filter

Your X10 no longer has to be descaled if you are using the CLARIS Pro Smart filter cartridge.

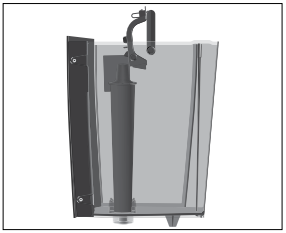
ℹ Once the filter cartridge stops working (depending on the water hardness setting), the X10 will prompt you to change the filter.

ℹ CLARIS Pro Smart filter cartridges are available from specialised dealers.

Precondition: The start screen is displayed. 'Change the filter' is displayed (if you are already using a filter).

▸ Remove and empty the water tank.

▸ Open the filter holder and remove the **old** CLARIS Pro Smart filter cartridge.



- ▸ Insert a **new** CLARIS filter cartridge Pro Smart 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 the tank.

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

'Filter operation' / 'Saved'
'Filter is being rinsed', the filter is rinsed. The water flows directly into the drip tray.
'Empty drip tray'

- ▸ Empty the drip tray and coffee grounds container and put them back into the machine.
  The start screen is displayed. Your X10 is once more ready for use.

Cleaning the machine

After 180 preparations or 80 switch-on rinses, the X10 will prompt you to clean it.

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

- ▸ Use only original JURA maintenance products.

ℹ The cleaning programme lasts approximately 20 minutes.
ℹ Do not interrupt the cleaning programme. The quality of cleaning will be impaired if you do so.
ℹ JURA cleaning tablets are available from specialised dealers.

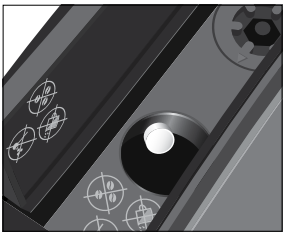
Precondition: The start screen is displayed. 'Clean machine' is displayed.

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

- ▸ Place a receptacle under the dual spout.
- ▸ Touch 'Next'.

  'Machine is being cleaned', water flows out of the dual spout.

  The operation is interrupted, 'Add cleaning tablet'.
- ▸ Open the cover of the filler funnel for the cleaning tablet.



- ▸ Insert a JURA cleaning tablet into the filler funnel.
- ▸ Close the cover of the filler funnel.
- ▸ Touch 'Next'.

  'Machine is being cleaned', water flows out of the dual spout repeatedly.

  The operation stops automatically.

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

  Cleaning is now complete. The start screen is displayed.

Descaling the machine

The X10 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 Pro Smart filter cartridge, you will not be prompted to descale.

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

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

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

- ▸ Use only original JURA maintenance products.

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

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

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

- ▸ Clean up any splashes immediately.

ℹ The descaling programme lasts approximately 45 minutes.

ℹ JURA descaling tablets are available from specialised dealers.

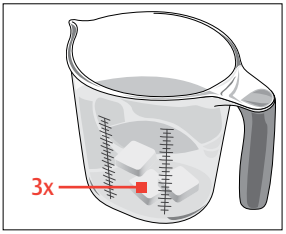
Precondition: The start screen is displayed. 'Decalcify machine' is displayed.

- ▸ Touch 'Decalcify machine'.

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

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

  'Pour descaling agent into water tank'
- ▸ Remove and empty the water tank.
- ▸ Completely dissolve 3 JURA descaling tablets in a receptacle holding 600 ml of water. This may take several minutes.
- ▸ Pour the solution into the **empty** water tank and insert it into the machine.



- ▸ Place one receptacle under the dual spout and another under the hot-water spout.
- ▸ Touch 'Next'.

  'Machine is being descaled', water flows straight into the drip tray and out of the hot-water spout and dual spout repeatedly.

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

  'Fill water tank' / 'Rinse the water tank'

- ▸ Empty the receptacles and place them back under the dual spout and the hot-water spout.
- ▸ Remove the water tank and rinse it thoroughly.
- ▸ Fill the water tank with fresh, cold water and reinsert the tank.
- ▸ Touch 'Next'.
  'Machine is being descaled', the descaling operation is continued. Water flows straight into the drip tray and out of the hot-water spout and dual spout repeatedly.
  '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 and on the aroma preservation cover. These traces may negatively affect the coffee result. For this reason, clean the bean container and the aroma preservation cover from time to time.

The bean container cover is lockable (spanner supplied as standard).

Precondition: 'Fill bean container' is displayed.

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

Descaling the water tank

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

- ▸ Remove the water tank.
- ▸ If you use a CLARIS Pro 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 Pro Smart filter cartridge, insert this again.
- Fill the water tank with fresh, cold water and reinsert the tank.

6 Display messages

Message	Cause/Result	Action
'Fill water tank'	The water tank is empty. You cannot prepare any products.	▸ Fill the water tank (see Chapter 3 'Daily operation – Filling the water tank').
'Empty coffee grounds container' / 'Empty drip tray'	The coffee grounds container is full. / The drip tray is full. You cannot prepare any products.	▸ Empty the coffee grounds container and the drip tray (see Chapter 3 'Daily operation – Daily maintenance').
'Drip tray not fitted'	The drip tray is not inserted correctly or is not inserted at all. You cannot prepare any products.	▸ Fit the drip tray.
'Fill bean container'	The bean container is empty. You cannot prepare any speciality coffees, but you can prepare hot water and milk.	▸ Fill the bean container (see Chapter 1 'Preparing and using for the first time – Filling the bean container')
'Clean the milk system'	The X10 prompts you to clean the milk system.	▸ Perform milk system cleaning (see Chapter 5 'Maintenance – Cleaning the milk system').
'Change the filter'	The filter cartridge no longer works.	▸ Replace the CLARIS Pro Smart filter cartridge (see Chapter 5 'Maintenance – Inserting/changing the filter').
'Clean machine'	The X10 is prompting you to clean it.	▸ Perform cleaning (see Chapter 5 'Maintenance – Cleaning the machine').
'Decalcify machine'	The X10 is prompting you to descale it.	▸ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').

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.	▸ Clean the milk system in the dual spout (see Chapter 5 'Maintenance – Cleaning the milk system'). ▸Dismantle and rinse the dual spout (see Chapter 5 'Maintenance – Dismantling and rinsing the dual spout').
	The milk or milk foam temperature is set too high.	▸ Set a lower milk or milk foam temperature for the product.
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').
'Fill water tank' is not displayed although the water tank is empty.	There is a lot of limescale in the water tank.	▸ Descale the water tank (see Chapter 5 'Maintenance – Descaling the water tank').
Grinder is making a very loud noise.	There are foreign objects in the grinder.	▸ Contact customer support in your country (see Chapter 11 'JURA contact details / Legal information').
'Error 2' or 'Error 5' is displayed.	If the machine has been exposed to the cold for a long period of time, heating may be disabled for safety reasons.	▸ Warm the machine at room temperature.
Other 'Error' messages are displayed.	–	▸ Switch the X10 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 X10. It should be used to protect the machine during transport.

In order to protect the X10 from frost during transport, the system must be emptied.

Precondition: The start screen is displayed.

- ▸ Remove the milk pipe from the dual spout.
- ▸ Place one receptacle under the dual spout and another under the hot-water spout.
- ▸ Touch ' P '.
  'Maintenance status'
- ▸ Move your finger across the display until 'Machine settings' is displayed in the centre.
- ▸ Touch 'Machine settings'.
  'Switch off after'
- ▸ Move your finger across the display until 'Empty system' is displayed in the centre.
- ▸ Touch 'Empty system'.
  'Empty system' / 'Remove the water tank'
- ▸ Remove and empty the water tank.
- ▸ Touch 'Next'.
  Water and steam will continue to be discharged from the dual spout and the hot-water spout until the system is empty.
  Your X10 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
Ambient conditions	Humidity max. 80% Ambient temperature 10 – 35 °C
Sound pressure level	≤ 70 dB
Conformity mark	CE
Pump pressure	static, max. 15 bar
Holding capacity of water tank (without filter)	5 l
Holding capacity of bean container	1000 g
Holding capacity of coffee grounds container	max. 40 portions
Cable length	approx. 1.2 m
Weight	approx. 14 kg
Dimensions (W × H × D)	37.3 × 47 × 46.1 cm

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

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11 JURA contact details / Legal information

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Directives The machine complies with the following directives:

- 2006/42/EC – Machinery 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 X10 may vary.

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

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