



IMPRESSA M30
IMPRESSA Scala
IMPRESSA Scala Vario
IMPRESSA X30


Instructions for use



IMPRESSA

Legend:

 = Note

 = Important

 = Tip

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Fig. 1



Fig. 2

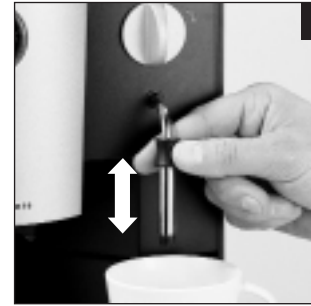


Fig. 3

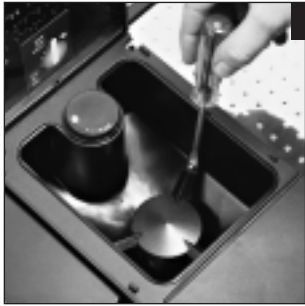


Fig. 4

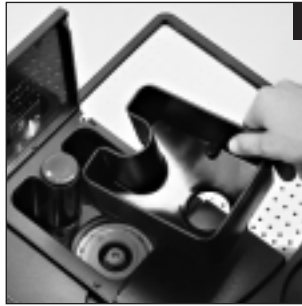


Fig. 5



Fig. 6



Fig. 7

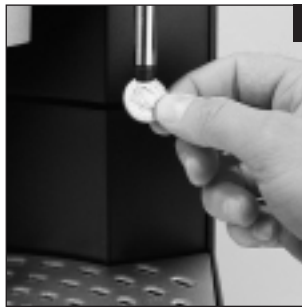
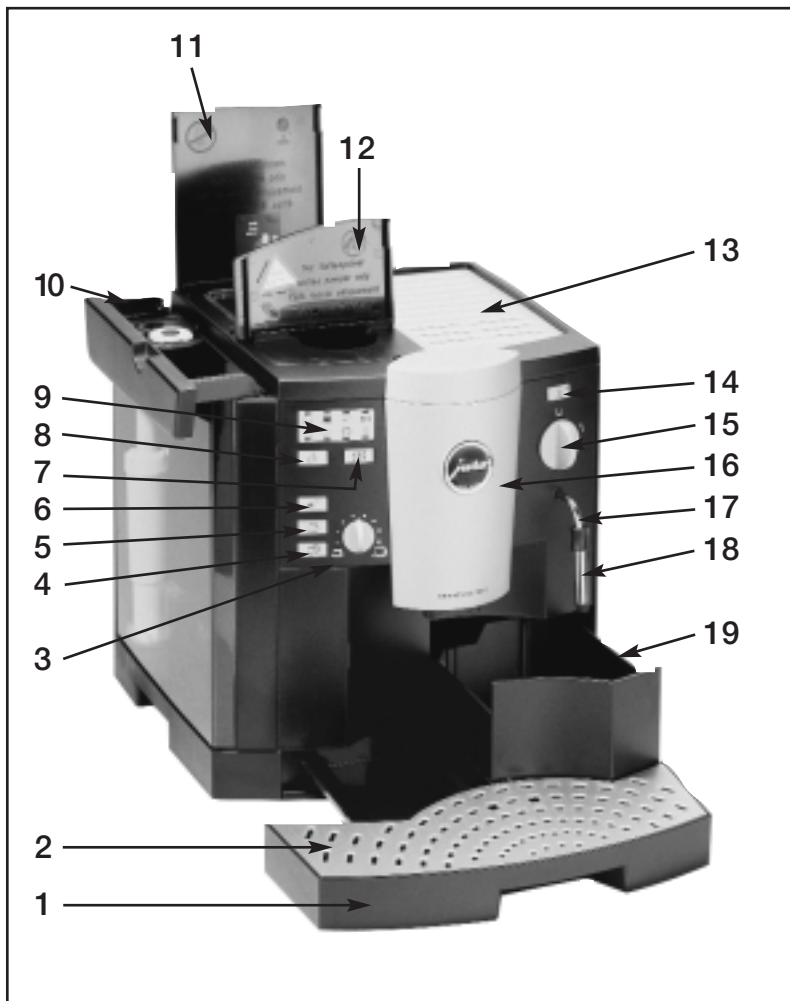


Fig. 8



Fig. 9



Operating elements Jura Impressa M30

1. Drip tray / Residual water container
2. Drip tray cover
3. Water volume selector switch
4. Draw-off button 2 cups
5. Draw-off button 1 cup
6. Selector switch powder coffee
7. Rinsing button
8. ON/OFF switch
9. Symbol field with warning lamps
10. Water tank with handle
11. Cover of bean container with aroma-protection lid
12. Cover of funnel for pre-ground coffee powder
13. Cup support
14. Steam selector switch
15. Selector switch for steam/hot water
16. Coffee spout
17. Pivoting nozzle for hot water/steam
18. Frothing nozzle
19. Grounds container

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Jura Impressa M30

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Important information for the user

Thank you for choosing this Jura product.

Please study these instructions carefully before using your new machine and keep them in a safe place for easy reference in the future.

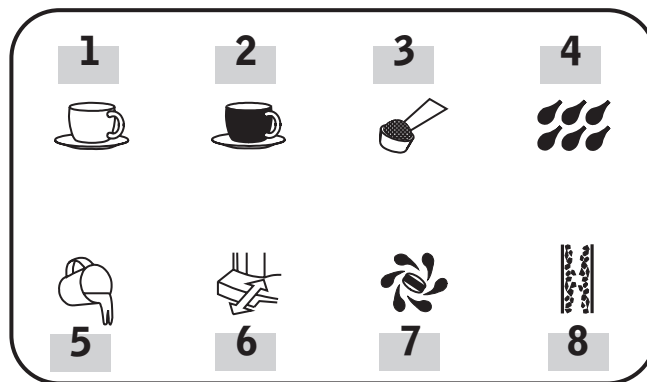
Should you require further information or should particular problems occur that are not dealt with in these operating instructions in sufficient detail for you, then please ask your local dealer for the information you require or contact us directly.

1. Description

This fully automatic espresso/coffee machine can prepare 1 or 2 cups of espresso/coffee of an excellent, professional quality with guaranteed froth. The unique Jura Pre Brew Aroma System/P.B.A.S[®] also ensures complete use of the coffee aroma. The machine functions fully automatically at the press of a button. You have the choice of normal, strong or extra strong coffee to suit your personal preference. The integrated 6-phase grinder grinds the beans to precisely the fineness you require. A separate filler funnel also enables you to use additional sorts of pre-ground coffee. The amount water volume is individually adjustable. Electronic monitoring of levels in the water tank and the ground container simplify operations. The integrated rinsing, cleaning and de-scaling programmes facilitate care and maintenance.

1.1 Meaning of symbols in the display

1. COFFEE READY
2. COFFEE STRONG/EXTRA STRONG
3. POWDER COFFEE
4. RINSE MACHINE
5. FILL WATER
6. EMPTY GROUNDS CONTAINER / DRIP TRAY MISSING
7. CLEAN MACHINE
8. MACHINE SCALED



2. Safety instructions

2.1 Warnings

- Children are unaware of the dangers that electrical machines represent. Therefore children should never be left alone with electrical machines unsupervised.
- This machine should only be used by people who have read and understood the operating instructions.

- Never use a faulty machine or one with a damaged power cable.
- Never immerse the machine in water.

2.2 Safety precautions

- Never expose the machine to the effects of rain, snow or frost and never operate it with wet hands.
- Place your espresso/coffee machine on a solid level surface. Never leave it on a surface that is warm or hot (hob etc.). Choose a location that is inaccessible for children or pets.
- Remove plug from power socket if an absence for a longer period of time (holidays etc.) is planned.
- Always remove plug from power socket before cleaning.
- When removing plug from power socket, never tug on the cord or on the machine itself.
- Never repair or open the machine yourself. All repairs should be performed only by authorised service centres using original Jura spare parts and accessories.
- The machine is connected to the mains power socket via an electric cable. Ensure that no one trips over this cable and pulls down the machine. Keep children and animals away.
- Never put the machine or even parts of it in the dishwasher.
- To prevent overheating put the machine in an airy place.
- If you are using an acid-based descaling agent, it is important to avoid any splashed or drips on sensitive kitchen surfaces, particularly those in natural stone or wood. If they do occur, they should be removed immediately.

3. Check before use

3.1 Checking mains voltage

The machine is set for the correct voltage before leaving our factory. Ensure that your mains voltage corresponds to the details quoted on the rating plate attached to the bottom of the machine.

3.2 Checking fuse

The machine is designed for a current of 10 amps. Check that an appropriate fuse is fitted.

3.3 Filling water tank

- Remove water tank and rinse well with cold clean tap water.
- Fill the tank and replace it in the machine. Ensure that the tank clicks correctly into place.



Use only clean cold water. Never fill the tank with milk, mineral water or any other liquid. You can also top the tank up with water without removing it from the machine. Simply pull up cover and pour water into the tank from above. Put cover back in its original position.

3.4 Adding coffee beans

- Lift up the cover of the bean container (11) and remove the aroma-protection lid.
- Clean out any dirt or alien elements from the bean container.
- Fill the bean container with coffee beans, put the aroma-protection lid back on and close the cover.

3.5 Caramelised coffee beans



Please remember that the grinder of your Jura coffee machine is not suited for coffee beans which have been treated with additives (e.g. sugar) during or after roasting. Using such coffee mixtures can lead to damage to the grinder.

3.6 Adjusting grinder

You can adjust the grinder to the roast of your coffee. We recommend the following:

for a light roast → a finer adjustment
for a dark roast → a coarser adjustment

- Open the cover of the bean container (11).
- To adjust grinding turn selector switch (Fig. 1) to the desired position.
- You have the following possibilities:
 - the smaller the dots, the finer the grinding
 - the bigger the dots, the coarser the grinding



The grinding grade should only be adjusted while the grinder is working.

3.7 Adjusting for water hardness

The water is heated inside the machine. With use, this leads to calcium deposits (furring) forming on the machine. This is automatically indicated in the display. For this reason, it is necessary to adjust the machine to the hardness of your local water before you use it for the first time. Use the enclosed test-sticks for this purpose.



1° water hardness on the German scale represents 1.79° on the French scale.

The machine has got 5 hardness settings to choose from. The chosen grade is shown on the display

Level 0 = Setting for Claris filter cartridges

The warning lamp  flashes.

The display for automatic de-scaling is switched off.

Level 1

The warning lamp  flashes.




The warning lamp  lights up.

German water hardness 1 – 7°

French water hardness 1.79 – 12.53°

Level 2

The warning lamp  flashes.

The warning lamps , ,  light up.

German water hardness 8 – 15°

French water hardness 14.32 – 26.85°

Level 3

The warning lamp  flashes.

The warning lamps , ,  light up.

German water hardness 16 – 23°

French water hardness 28.64 – 41.14°

Level 4






The warning lamp  flashes.



The warning lamps , , ,  light up.

German water hardness 24 – 30°

French water hardness 42.96 – 53.7°

In the factory, the machine is set to **level 3**. You can amend this setting. Please proceed as follows:

- Remove the mains plug with the cable from the cable box on the back of the machine.
- Plug into the mains.
- **Do not** switch the machine on.
- Press the  draw-off button for about 3 seconds.
- The  warning lamp flashes.
- The , ,  warning lamps light up.

- Now select the corresponding level with the  selector switch and press the  switch to store the setting. The warning lamps go off.

- ➔ It is only necessary to adjust the water hardness before the machine is used for the first time or when a different quality of water is used.
If no water hardness level is changed within 60 seconds, the display goes out and the last value programmed remains unchanged.

3.8 Adjustable automatic close-down

You can adjust the automatic close-down of 2 hours set by Jura to your own requirements. The machine provides 3 different levels:

1st Level

Warning lamp  flashes.







The automatic close-down is not activated.

2nd Level

Warning lamp  flashes, warning lamps ,  light up.




Automatic close-down is set to 2 hours.

3rd Level

Warning lamp  flashes, warning lamps , , , ,  light up.





Automatic close-down is set to 5 hours.

To set or alter the automatic close-down follow the instructions below:

- Put the mains plug into the wall socket.
- Leave the machine switched **off**.
- Press  draw-off button for about 3 seconds and choose the required setting by pressing  selector switch.
- Push button to store level in memory .


- ➔ If no change to the setting level is made within 60 seconds, the warning lamps go out and the last level stored remains effective.

4. Preparing machine

- Switch your machine on with the  switch.
- The warning lamp  and the small light in the steam selector switch (14) flash.
- Place an empty cup under the pivoting nozzle (17).
- Turn the selector switch for steam/hot water (15) to the  position.
- Now the machine produce steam followed by water. The water flow is stopped automatically.
- Turn the selector switch for steam/hot water (15) back to the  position.

5. Rinsing the machine


If warning lamp  light up, the machine needs rinsing.



- Place an empty cup under the coffee-spout (16).
- Press  rinsing button. The rinsing is stopped automatically.

- ➔ If the machine has been switched off and has already cooled down it will be necessary to carry out this rinsing function when the machine is switched on again. After switching off the machine, the rinsing sets off automatically.


6. Adjusting water volume

Water volume is infinitely adjustable by means of the selector switch (3). The small cup means a small volume of water for espresso, the big cup means a larger volume of water for coffee. If cup means a small volume of water for espresso, the big cup means a larger volume of water for coffee.


 You can also change the water volume while coffee is being drawn off. Simply turn the selector switch for steam/hot water (3) to give more or less water.

 If you press  draw-off button the machine automatically doubles the amount of water and divides it between two cups.

7. Drawing off espresso/normal coffee


Switch on the machine by pressing button. The machine is ready as soon as the warning lamp  lights up.

■ Place 1 or 2 cups under the coffee-spout (16) and press the appropriate button. The pre-brew function (P.B.A.S[®]) moistens the coffee powder, briefly interrupts the flow and then the real brewing process begins.



 You can interrupt the flow of coffee at any time by simply pressing any one of the coffee buttons.

7.1 Drawing off espresso/strong coffee

■ Place 1 cup under coffee-spout (16) and press the required button until the warning lamp  lights up.


 You can only draw off 1 cup of strong coffee at a time.




7.2 Drawing off powder coffee


■ Press  selector switch. Warning lamps  and  light up.

■ Now put 1 or 2 levelled spoons of pre-ground coffee powder into the filling funnel for pre-ground coffee powder (12) (Fig. 2).

■ Place 1 or 2 cups under coffee-spout (16) and press the coffee button required.




 Never use soluble instant coffee or quick coffee. Only use coffee powder from freshly ground beans or pre-ground vacuum-packed coffee. **Never fill the funnel with more than 1 or 2 portions at a time. The powder funnel is not intended as a storage container.**


 If  selector switch is pressed by mistake, this can be corrected by pressing  draw-off button. The machine rinses.

 We recommend a regular cleaning of the funnel with a bottle-brush after drawing off powder coffee.


8. Using steam


Steam can be used for heating up liquids as well as for frothing up milk for cappuccinos. To heat up liquids remember to push the frothing nozzle (18) up. For frothing up liquids push the nozzle down (Fig. 3).


■ Press the  selector switch (14) for about 1 second. The small light in the  selector switch lights up. The warning lamp  flashes.

■ Immerse the frothing nozzle (18) into the milk you want to froth or the liquid you want to heat up and turn the selector switch for steam/hot water (15) to the  position.



■ The machine gives off hot steam.

■ In order to end the removal of steam, put the selector switch for steam/hot water (15) back to the  position.

 The max. drawing off time for steam is about 8 minutes. Due to the start frothing. This water should be drawn off before drawing off steam. However the perfect result (e.g. of frothing milk) is not influenced.

 When steam is first drawn off, there is a possibility of spattering. The pivoting nozzle becomes hot. Avoid direct contact with the skin.




8.1 Resetting to stand-by status

- Please the  selector switch (14) once more. The small light in the  selector switch (14) goes off.
- The machine now goes into stand-by. This process is automatic and takes a few seconds.



Clean the pivoting nozzle with a moist cloth after every draw-off of steam.


9. Drawing off hot water

- Place a cup under the pivoting nozzle (17) and turn the selector switch for steam/hot water (15) to the  position. The machine now gives off hot water.
- During the draw-off of hot water, the warning lamp  flashes.
- In order to end the process, turn the selector switch for steam/hot water (15) back to the  position.



When hot water is first drawn off, there is a possibility of spattering and the risk of scolding. The pivoting nozzle becomes hot. Avoid direct contact with the skin.


10. Switching off machine

When the machine is switched off, the rinsing program is automatically run again. Place an empty cup under the coffee-spout (16) and press the  switch.


When the rinsing water has run into the cup, the machine powers down. Discard the water.

11. Care and maintenance

11.1 Fill water

When warning lamp  lights up no more coffee can be drawn off. Top up water as described in chapter 3.3.

11.2 Empty grounds container

The coffee grounds are collected in the grounds container. When the warning lamp  lights up, the draw-off buttons are blocked and you must empty the grounds container.

- Remove the drip tray (1). Be careful, as there is water in it.
- Empty and clean the drip tray and the grounds container. Put the drip tray and the grounds container back in again.



Whenever grounds container is emptied, empty drip tray too.


11.3 Drip tray is missing

If the drip tray is not replaced correctly, warning lamp  flashes.





When the drip tray is outside the machine you can take the opportunity to clean the inside of the machine. Wipe off any of coffee powder with a damp cloth. Then replace clean drip tray.



11.4 Removing foreign objects

- Switch your machine off with the  switch.
- Disconnect your machine from the mains.
- Open the bean container (11) and remove the beans. You can remove the rest of the beans with a vacuum cleaner.
- Loosen the two screws in the bean container (Fig. 4) and then remove the bean container (Fig. 5).
- Remove any more beans with a vacuum cleaner.
- Position the wrench (Fig. 6).
- Now turn the wrench in an anti-clockwise direction until the jammed foreign body comes loose.
- Remove residue of powder with a vacuum cleaner.
- Reposition the bean container and screw the screws back in again.

11.5 Clean machine

After 250 draw-offs or 180 rinse programme, the machine must be cleaned. The warning  will remind you. You can still draw off coffee and hot water/steam. However, we recommend that you clean the machine (point 12) within the next few days. The warning lamp  then goes off after the complete cleaning process has been carried out.

11.6 Machine furred

Your machine will become furred in the course of normal use. The amount of furring depends on the hardness of your water. The machine registers when descaling becomes necessary and signals this via warning lamp . You can still draw off coffee and hot-water/ steam. However we recommend that you decalcify the machine (as described in chapter 13) within the next few days. Warning lamp  does not go out until the complete decalcifying process has been carried out.

11.7 Use of Claris filter cartridges

With the correct use of the Claris filter cartridges, de-scaling the machine becomes unnecessary. For further information, please read the instructions for use for the Claris filter cartridges. Insert the filter (Fig. 7).



Furring display must be switched off (as described in chapter 3.7) before using Claris filter cartridges.

11.8 General cleaning instructions

- Never use sharp or abrasive articles or corrosive chemicals to clean your machine.
- Wipe down the casing inside and out using a soft damp cloth.
- Clean the pivoting nozzle every time it is used.

- After warming milk, draw off a little hot-water to clean the pivoting nozzle inside.
- For thorough cleaning, you can dismantle the frothing nozzle (Fig. 8).
- The water tank should be rinsed out and filled with clean water daily.



If you notice any furring in the water tank, this can be descaled separately with a customary decalcifying product. Remove the tank from the machine in order to do this.



If a Claris filter cartridge is used, remove it beforehand.






11.9 Regular servicing

Regular Jura services ensure your machine's reliability and longer life. Keep the original packaging to protect the machine when it is transported.

11.10 Emptying the system






This process is necessary to protect the machine from frost damage while being transported.








- Switch the machine off with the  switch.
- Place a container under the pivoting nozzle (17).
- Turn the selector switch for steam/hot water (15) to the  position.
- Switch the machine on with the  switch.
- Press the  (14) selector switch for about 3 sec. After a short time, steam comes out.
- Draw off steam until the flow of steam is automatically interrupted.
- Turn the selector switch for steam/hot water (15) back to the  position and switch the machine off.

12. Cleaning


The machine has an integrated cleaning programme. It takes about 15 minutes.


 Whenever the machine needs cleaning, warning lamp  lights up. You can still draw off coffee and hot water/steam and run the cleaning programme later. Only use Jura cleaning tablets. They are available from your Jura dealer.

 Once the cleaning process has started, it must not be interrupted.



- Switch the machine on with the  switch.
- Press the  rinsing button for about 3 seconds. The warning lamps , ,  light up.
- Fill the water tank.
- Empty the drip tray and the grounds container and put them back again. The warning lamp  goes off.
- Place a container under the coffee spout (16) and press the  rinsing button.


The flashing of the warning lamp  tells you that the cleansing programme is activated.


The cleaning process is interrupted after some minutes. The warning lamp  lights up on the symbol field.

- Now put a Jura cleaning tablet into the filling funnel for pre-ground coffee powder (12) (fig. 9) and press the  rinsing button.

The cleaning process is continued.


- If the warning lamp  flashes and if the warning lamp  lights up, empty the drip tray and the grounds container and wait



for about 10 seconds before you put them back in again. The warning lamp  goes off. The cleaning process is completed.

 After each cleaning process, the filling funnel for powder coffee should be cleaned. For this, remove it from the machine. Rinse it under hot running water and replace it after **drying it well.**

13. De-scaling


The machine has an integrated de-scaling programme. The process takes about 40 minutes.

 If a Claris filter cartridge is used, your machine does not need to be de-scaled.


 If the machine needs de-scaling, the warning lamp  lights up. You can continue to draw off coffee or hot water and run the de-scaling programme later.







Only use Jura cleaning tablets. They are available from your Jura dealer.


Only de-scale the machine when it has been switched off for **at least 2 hours** and has cooled down properly. The de-scaling programme is started with the machine **switched off**. Once it has started, the de-scaling process must not be interrupted.





 If you use descaling agents containing acid, immediately remove any splashes and drips on sensitive work surfaces, in particular natural rock and wooden surfaces, or take the corresponding precautionary measures.

In any case, wait until the descaling agent has been used up and the tank is empty. Never top up with descaling agent.





- Switch the machine off with the  switch and let it cool down for 2 hours.

- Press the  rinsing button for about 3 seconds. The warning lamps , ,  light up.
- **Completely dissolve the contents of one blister (2 tablets) in 0.5 litres of water in a container and pour the mixture into the water tank.**
- Empty the drip tray and put it back in again. The warning lamp  goes off.
- Press the  rinsing button.



The flashing of the warning lamps  reminds you that the de-scaling process is activated. The de-scaling solution is guided into the drip tray in the inside of the machine.


- The small light in the  selector switch (14) and the  warning lamp flash.
- Place a container under the pivoting nozzle (17).
- Turn the selector switch for steam/hot water (15) to the  position.
- The warning lamp  flashes.

The de-scaling process is continued.






- The warning lamps ,  light up.
- Empty the drip tray and put it back in again.
- Rinse the water tank thoroughly and fill it with fresh tap water.
- Place a container under the pivoting nozzle (17) and press the  rinsing button.
- The warning lamp  flashes.

The descaling process is continued.

- The small light in the  selector switch and the  warning lamp flash.

- Remove and empty the container.
- Turn the selector switch for steam/hot water (15) to the  position.

The de-scaling process is continued. The de-scaling solution is guided into the drip tray in the inside of the machine.

- The warning lamp  flashes, the warning lamp ,  light up.
- Empty the drip tray and the grounds container and put both of them back in again. The warning lamp  lights up.
- Place a cup under the coffee spout (16). Then press the  rinsing button. Your machine rinses and is now ready for the next draw-off of coffee.

14. Disposal

For correct disposal, you should return your coffee machine to your dealer, Jura service centre or Jura Elektroapparate AG.

15. Tips for a perfect coffee

Grinding

Please see chapter 3.6.











Pre-warm cups

You should warm cups in advance with hot water or steam. The smaller the quantity of coffee, the more important warming the cups is.

Sugar an cream

Warmth is lost by stirring the contents of the cup. Adding milk or cream from the refrigerator considerably lowers the temperature of the coffee.

16. Reports

Display	Cause	Action
 lights up	Rinsing is needed	Rinse machine
 lights up	Water tank empty Floater defective	Fill water tank Rinse or de-scale water tank
 lights up	Grounds container full Drawer replaced too early after emptying	Empty grounds container Only insert drawer after 10 seconds
 flashes	Drip tray not inserted properly or missing	Insert properly
 ,  ,  ,  flash	Machine too cold (under +10°C) various	Leave temperature for 1 hours Switch machine off, remove plug, insert plug again, start machine again
 lights up	Cleaning necessary	Carry out cleaning according to Section 12
 lights up	De-scaling necessary	Carry out de-scaling according to Section 13

17. Problems

Problem	Cause	Action
Coffee flow is stopped after pre-brewing	<ul style="list-style-type: none">– Beans container is empty– Not enough coffee powder	<ul style="list-style-type: none">– Fill in beans– Measure powder correctly
Grinder is extremely noisy	<ul style="list-style-type: none">– Alien element in grinder	<ul style="list-style-type: none">– Remove alien elements (Section 11.4)– Drawing off powder coffee is still possible
Not enough froth	<ul style="list-style-type: none">– Unsuitable milk-type– Frothing nozzle blocked– Frothing nozzle in wrong	<ul style="list-style-type: none">– Use full cream milk– Clean frothing nozzle– Drawing off steam (see chapter 8)

If none of the remedies listed above help, please contact your dealer or get in touch with Jura Elektroapparate AG.

18. Legal information

These operating instructions contain all the information necessary for the correct use, operation and maintenance of your espresso/ coffee machine.

Understanding and complying with the directions contained in these operating instructions are essential to ensure that the machine is utilised without risk and to ensure safety during operation and maintenance.


These operating instructions cannot cover all the possible ways in which this machine may be used. This machine has been designed for private use in households.

We would further point out that the contents of these operating instructions in no way constitute a part of, or alter, any previous or existing contract, agreement or legal relationship. All obligations on the part of Jura Elektroapparate AG result solely from the relevant sales agreement which also contains full details of the only warranty terms valid in respect of this machine. The contractual terms of this warranty are neither extended nor limited in any form by the information in these operating instructions.

These operating instructions contain information that is protected by copyright. The photocopying or translation into any other language of these instructions without prior written authorisation from Jura Elektroapparate AG is strictly prohibited.

19. Technical data

Impressa M30 / Scala / Scala Vario

Voltage:	230V AC
Output:	1350 W
Fuse:	10 A
Weight:	11.3 kg
Dimensions (B x D x H):	34.5 x 35 x 39 cm
Water tank:	2.7 litres
Safety directives:	



Impressa X30

Voltage:	230V AC
Output:	1350 W
Fuse:	10 A
Weight:	15 kg
Dimensions (B x D x H):	41 x 47 x 39 cm
Water tank:	5.7 litres
Safety directives:	