



# IMPRESSA F90/F9

## Instructions for use

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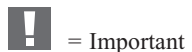


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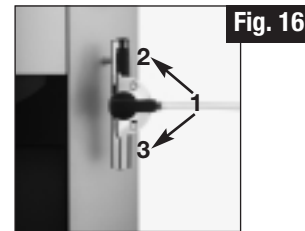
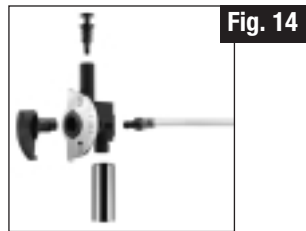
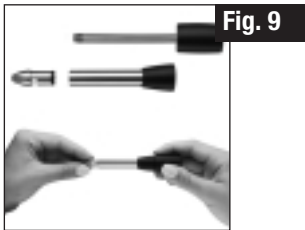
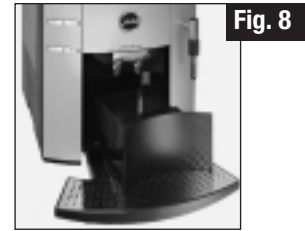
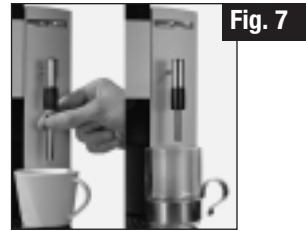
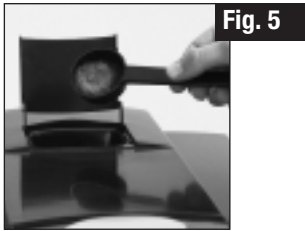
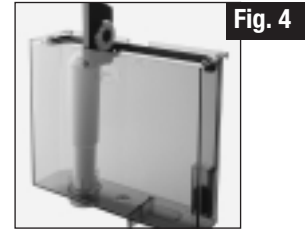
# JURA IMPRESSA F90/F9

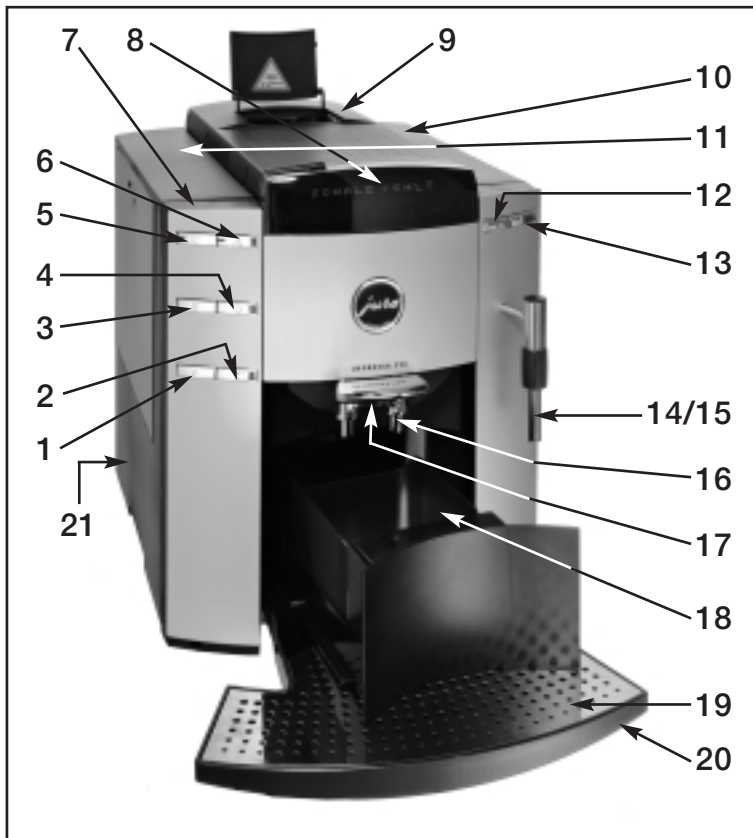
## Legend:

- **DISPLAY** DISPLAY: serves as information.
- **DISPLAY** **DISPLAY**: please follow the instructions shown.



JURA Elektroapparate AG, CH-4626 Niederbuchsiten,  
Internet <http://www.jura.com>





## Control elements

- A) Display dialog system
- B) Symbols ◀ ▶ (navigation in programming mode)
- C) Large cup
- D) Coffee
- E) Espresso
- F) Start (to start the draw-off operation)
- G) Coffee strength «mild»
- H) Coffee strength «Normal»
- I) Coffee strength «strong»

- 1 Programming key
- 2 Selection key for pre-ground coffee
- 3 Draw-off key 1 cup
- 4 Draw-off key 2 cups
- 5 ON/OFF key
- 6 Maintenance key
- 7 Connectivity socket
- 8 Control panel
- 9 Filler funnel key for pre-ground coffee
- 10 Bean tank cover
- 11 Water tank with handle
- 12 Water portion draw-off key
- 13 Steam portion draw-off key
- 14 2-stage frothing jet (Fig. 7)
- 15 Replaceable hot water jet
- 16 Height-adjustable coffee spout
- 17 Cup illumination (Fig. 10)
- 18 Coffee grounds container
- 19 Drip grate
- 20 Drip tray
- 21 Power switch

### PROGRAMMATION



### Sensitive Touch Screen Technology



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## JURA IMPRESSA

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## Important information

Thank you very much for purchasing this IMPRESSA coffee machine.

Before using your new coffee machine for the first time, carefully read this operating manual and keep it for future reference.

Should you need more information or if you meet with particular problems not specified in these operating instructions in sufficient detail, either contact us directly or contact your local authorized dealer.



You will also find useful tips on operation and maintenance of your IMPRESSA on the website at [www.jura.com](http://www.jura.com).

Don't forget to check out the Knowledge Builder our animated operating instructions. LEO, our assistant, will take you through all the functions.

## 1. Description of control panel

A gentle push on the control panel will do, and the sensors will read your wish from your fingertips. The IMPRESSA offers Café à la Carte, coffee to the taste of everybody. You can select one of the programmed coffee specialities at a gentle touch on the touch screen.

As a result of high electromagnetic interference, the touch screen may become inactive. All the remaining draw-off keys, the selection key for pre-ground coffee, draw-off key 1 cup, draw-off key 2 cups, can still be used.

## 2. Safety information

### 2.1 Warning


- Children do not realize the dangers involved in using electric appliances, for this reason always keep an eye on children when they use electric appliances.


- The coffee machine may only be used by instructed persons.
- Never use a defective coffee machine or a machine with a defective mains cable.
- Never immerse the coffee machine in water.
- Never repair or open the coffee machine yourself. Any repairs may only be carried out by authorized service shops using original spare parts and accessories.

### 2.2 Precautions

- Never expose the coffee machine to weather (rain, snow, frost), never touch the machine when your hands are wet.
- Place the IMPRESSA on a firm, level base that is resistant to any water that may leak. Never stand on hot or warm surfaces (oven hobs). Keep out of the reach of children.
- If you don't use the machine for a longer time (holidays, etc.) always disconnect the mains cable.
- Always disconnect mains cable before cleaning the machine.
- When disconnecting the mains cable never pull on the mains cable or the machine itself.
- The coffee machine is connected to mains supply via a mains cable. Make sure nobody can trip over the mains cable. Make sure children and pets cannot reach the machine
- Never put the coffee machine or individual parts of it into a dishwasher.
- Make sure to install the machine at a place with sufficient air circulation, to prevent overheating of the machine.

## 2.3 Power switch

 Actuate the power switch (21) on your IMPRESSA before using the machine for the first time.

 We recommend that you switch off your IMPRESSA with the power switch (21) if you intend not to use the machine for longer periods of time (e.g. during holidays)

## 3. Preparing the coffee machine for use


### 3.1 Check the mains voltage

The coffee machine is preset in the factory to the correct mains voltage. Check if your local mains supply voltage complies with the information given on the type plate on the underside of the coffee machine.

### 3.2 Check electrical fuse


The coffee machine is designed for an electric current of 10 Amperes. Check if the electrical fuse has sufficient capacity.

### 3.3 Refill water

 Only use fresh, cold water. Never fill in milk, mineral water or other liquids.

- Take out the water tank and thoroughly rinse it with cold tap water (Fig. 1).
- Then fill the water tank and re-install it in the coffee machine. Make sure the tank is installed correctly and that it engages properly.

## 3.4 Filling the bean tank

 To ensure that your machine will work perfectly for a long time and to avoid damage, please note that the grinding gear of your JURA coffee machine is not suitable for coffee beans which were treated, during or after roasting, with additives (e.g. sugar). Such coffee blends may damage the grinding gear. Any repair costs resulting from the use of such blends are not covered by warranty.


- Open the cover of the bean tank (10).
- Remove any dirt or foreign matter from the bean tank.
- Fill coffee beans in the bean tank and close the cover.

## 3.5 Adjusting the grinding gear

You can adjust the grinding gear to the roast of your coffee. We recommend that you use


a fine adjustment → (the smaller the dots, the finer the grinding is) for a light roast


a coarse adjustment → (the bigger the dots, the coarser the grinding is) for a dark roast

 The grinding degree may only be adjusted while the grinding gear is running.


- Open the cover of the bean tank (10).
- To adjust the grinding degree turn the rotary switch (Fig. 2) to the required position.

## 4. First use

- Fill coffee beans in the bean tank (10).
- Fill water tank.
- Switch **on** your coffee machine using the key .

- **DISPLAY** WWW.IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** FILL SYSTEM / WATER PORTION
- Place an empty cup under the hot water jet (15).
- Press water portion draw-off key 
- **DISPLAY** SYSTEM FILLING
- **DISPLAY** MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Press symbol **ST@RT**.
- **DISPLAY** COFFEE NORMAL

 If FILL BEANS is displayed, touch the symbol **ST@RT** again. The mill was still empty.


 To get an excellent froth, adjust the coffee spout (16) to the size of your cup (Fig. 3 ).


## 4.1 Cup illumination

The cup illumination puts your coffee in a good light, making it a treat for the eyes.

When you plug in or switch on the machine or press any key, the cup illumination is activated for 1 minute. To switch on the cup illumination, with the machine switched off, press any key (Fig. 10).

## 5. Adjustment of water hardness

 In the coffee machine water is heated up. As a result, calcification occurs during normal use and is indicated automatically. Before using the machine for the first time the hardness of the water used must be adjusted. Use the supplied test sticks for this.

 1° German hardness is equivalent to 1.79° French hardness.



The coffee machine has 5 hardness degrees which can be used and are displayed while you are adjusting the water hardness.

The displayed information means the following:





|       |            |   |
|-------|------------|---|
| WATER | HARDNESS — | Water hardness function switched off  |
| WATER | HARDNESS 1 | German water hardness degree 1 to 7°<br>French Water hardness degree 1.79 – 12.53°    |
| WATER | HARDNESS 2 | German water hardness degree 8 to 15°<br>French Water hardness degree 14.32 – 26.85°  |
| WATER | HARDNESS 3 | German water hardness degree 16 to 23°<br>French Water hardness degree 28.64 – 41.14° |
| WATER | HARDNESS 4 | German water hardness degree 24 to 30°<br>French Water hardness degree 42.96 – 53.7°  |

When the machine leaves the factory it is adjusted to WATER HARDNESS 3. You can adjust another hardness. To do this, proceed as follows:


Pull out the mains cable from the cable box on the rear side of the coffee machine and connect the machine to mains supply.

- Press the key  to switch **on** the coffee machine.
- **DISPLAY** WWW.IMPRESSA-F-LINE.COM
- Your coffee machine is switched to start-up position.
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Press programming key  until you hear an acoustic signal.
- **DISPLAY** FILTER NO







- Press symbol  until the following message is displayed:
- **DISPLAY** WATER HARDNESS 3
- Press symbol **ST@RT**, you will hear an acoustic signal and the hardness degree flashes.
- Now, press symbols   to adjust the required hardness degree.
- Press symbol **ST@RT** to confirm the new settings.
- **DISPLAY** WATER HARDNESS 4
- Press programming key  to leave Programming Mode.
- **DISPLAY** PLEASE SELECT


## 6. Installation of CLARIS plus filter cartridges

 If the CLARIS plus filter cartridge is installed properly, descaling of the coffee machine is no longer required. For more information on the CLARIS plus filter cartridge refer to brochure «CLARIS plus». Hard on limescale. Gentle on your coffee machine.»




### 6.1 Installing the filter

- Use the key  to switch on the coffee machine.
- **DISPLAY** WWW.IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Fold up the cartridge holder. Insert the filter cartridge in the water tank (Fig. 4)
- Close the cartridge holder until it engages audibly.
- Fill the water tank with cold, fresh tap water and install it again.
- Press Programming key  until you hear an acoustic signal.

- **DISPLAY** NO FILTER
- Press symbol **ST@RT**, NO flashes on the display.
- Press symbol  until the following message is displayed:
- **DISPLAY** FILTER YES (YES flashes)
- Press symbol **ST@RT**.
- **DISPLAY** INSTALL FILTER / WATER PORTION
- Place a sufficiently large jug (approx 1 litre) under the hot water jet (15) and press the water portion draw-off key .
- **DISPLAY** FILTER RINSING. The water draw-off operation is stopped automatically.
- **DISPLAY** MACHINE HEATING UP
- **DISPLAY** PLEASE SELECT

 Now you have activated the filter. In Programming Mode the water hardness selection function is no longer displayed.

### 6.2 Replacing the filter

- **DISPLAY** REPLACE FILTER / PLEASE SELECT
- Use the key  to switch off the coffee machine.
- **DISPLAY** GOOD BYE
- Press maintenance key  for some seconds, with the machine switched off.
- **DISPLAY** INSTALL FILTER / WATER PORTION
- Fold up the cartridge holder. Insert the filter cartridge in the water tank (Fig. 4)
- Close the cartridge holder until it engages audibly.
- Fill the water tank with cold, fresh tap water and reinstall it in the coffee machine.
- Place a sufficiently large jug (approx 1 litre) under the hot water jet (15) and press the draw-off key .

- **DISPLAY** FILTER RINSING. The water draw-off operation is stopped automatically.
- **DISPLAY** MACHINE HEATING UP
- **DISPLAY** PLEASE SELECT

## 7. Rinsing the coffee machine



When the coffee machine was switched off and has cooled down in the meantime, a rinsing operation is started when the machine is switched on again. When the machine is switched off, a rinsing operation is started automatically.

- Use the key to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT

## 8. Drawing off coffee



You can change the selected product at any time by pressing the symbols before starting the operation by pressing **ST@RT**. The selected product is displayed.

- Use the key to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Place 1 cup under the adjustable coffee spout (16) and press symbol .





- **DISPLAY** COFFEE NORMAL
- Press symbols ( / / ) to select the strength of your coffee.
- **DISPLAY** COFFEE STRONG
- Press symbol **ST@RT**.
- **DISPLAY** COFFEE STRONG Your product is being prepared.
- **DISPLAY** PLEASE SELECT

### 8.1 Drawing off espresso


- Use the key to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Place 1 cup under the adjustable coffee spout (16) and press symbol .
- **DISPLAY** ESPRESSO NORMAL
- Press ( / / ) to select the strength of your espresso.
- **DISPLAY** ESPRESSO STRONG
- Press symbol **ST@RT**.
- **DISPLAY** ESPRESSO STRONG. Your product is being prepared.
- **DISPLAY** PLEASE SELECT


### 8.2 Drawing off a large cup of coffee



- Use the key to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE

- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Place 1 cup under the adjustable coffee spout (16) and press symbol .
- **DISPLAY** LARGE CUP NORMAL
- Press ( /  / ) to select the strength of your coffee.
- **DISPLAY** LARGE CUP MILD
- Press symbol **ST@RT**.
- **DISPLAY** LARGE CUP MILD Your product is being prepared.
- **DISPLAY** PLEASE SELECT




### 8.3 Drawing off pre-ground coffee

 Never use instant coffee or quick-coffee. We recommend that you always use powder from fresh coffee beans or, pre-ground, vacuum-packed coffee. Never fill in more than 2 portions of powder. The pre-ground coffee tank is no storage tank. Make sure that the pre-ground you use is not too fine. This may cause blocking of the system. In this case the coffee only drips out of the coffee spout.


 If you press the draw-off key unintentionally, you can stop the operation by pressing the maintenance key. Your coffee machine will carry out a rinsing operation.


- Use the key  to switch on the coffee machine.
- **DISPLAY** WWW.IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Press selection key .



### ■ **DISPLAY** FILL IN POWDER / PLEASE SELECT

- Now fill in 1 or 2 level dosing spoonfuls of pre-ground coffee in the filler funnel for pre-ground coffee (Fig. 5).
- Place 1 cup under the adjustable coffee spout (16) and press the corresponding symbol ( /  / )
- **DISPLAY** LARGE CUP POWDER
- Press symbol **ST@RT**.
- **DISPLAY** LARGE CUP POWDER Your powder coffee is being prepared.
- **DISPLAY** PLEASE SELECT

### 9. Drawing off hot water


 You can adjust the water portion individually (see Chapter 12 Programming). Install the hot water jet (Fig. 7) to obtain perfect water flow.


 At the start of the water draw-off there can be splashing. Avoid direct contact with the skin! Do not replace the replaceable hot water jet directly after drawing off water, because the jet is hot after the draw-off operation.


- Place a cup under the hot water jet (15).
- Press water draw-off key .
- **DISPLAY** WATER PORTION
- The programmed portion is being prepared. You can stop the draw-off operation at any time by pressing the draw-off key .
- **DISPLAY** PLEASE SELECT




## 10. Drawing off steam


 To ensure perfect operation, clean the 2-stage frothing jet (14) regularly. Screw the jet off as described. Hold the jet at the top and at the bottom end and screw it apart (Fig. 9). Thoroughly rinse the 3 parts under running water.

 Make sure the nozzle has engaged properly. If the nozzle is clogged with dried milk or has not been attached properly, it might suddenly come off during operation.

 Steam can be used for heating liquids and frothing milk for cappuccino. Make sure that the 2-stage frothing jet (14) is pushed upwards when liquids are heated. To froth liquids, push the 2-stage frothing jet downwards, turning it slightly (Fig. 7).

 If you do not draw off steam within 3 minutes, steam draw-off mode is terminated.

 Install the 2-stage frothing jet (Fig. 7). This is included in your Welcome Pack.

 During frothing some water will escape the system before the actual steam draw-off. This does not affect the result, e.g. when frothing milk.

At the start of the water draw-off there can be splashing. The 2-stage frothing jet becomes hot. Avoid direct contact with the skin!

■ Use the key  to switch on the coffee machine.


■ **DISPLAY** WWW.IMPRESSA-F-LINE.COM

■ **DISPLAY** HELLO, MACHINE HEATING UP

■ **DISPLAY** PRESS MAINTENANCE

■ **DISPLAY** MACHINE RINSING:

■ **DISPLAY** PLEASE SELECT

■ Press steam portion draw-off key .


■ **DISPLAY** MACHINE HEATING UP

■ **DISPLAY** PLEASE SELECT

■ Place a cup under the 2-stage frothing jet (14) and immerse the frothing aid in the milk to be frothed or the liquid to be heated.


■ Press steam draw-off key  again.

■ **DISPLAY** STEAM PORTION. Your product is being prepared.

■ You can stop the draw-off operation at any time by pressing the steam draw-off key .

■ **DISPLAY** PLEASE SELECT

## 11. Drawing off steam with the Professional-Cappuccino Frother (optional F90)


 The Professional-Cappuccino Frother is optionally available. Contact your authorized dealer.

### 11.1 Connecting the Professional-Cappuccino Frother to the F90/F9

■ Disassemble the replaceable hot water jet or the 2-stage frothing jet (Fig. 7).

■ Mount the Professional-Cappuccino Frother (Fig. 11).

■ Press one side of the hose into the opening behind the dial (Fig. 13).

 The optionally available milk container can be used for sucking in milk. How to connect it (see Fig. 12).


## 11.2 Drawing off cappuccino and hot milk with Professional-Cappuccino Frother

- Fill the milk container with milk or immerse the hose in the milk directly.
- Place a cup under the Professional-Cappuccino Frother.
- Press the steam portion draw off key (13)
- **DISPLAY** MACHINE HEATING UP
- **DISPLAY** PLEASE SELECT
- Press the steam portion draw off key (13) again
- **DISPLAY** STEAM PORTION
- The frothing/heating time depends on the steam portion settings you have programmed. (See “Programming steam portion” Chapter 13.7)
- **For cappuccino turn the selector switch (1) (Fig. 16) to area (2).**
- **For hot milk turn the selector switch (1) (Fig. 16) to area (3).**
- Now place the cup with the cappuccino froth or the hot milk under the coffee spout and draw of the product of your choice.



## 11.3 Cleaning the Professional-Cappuccino Frother



 The Professional-Cappuccino Frother must be cleaned after each draw-off operation. Daily cleaning is recommended.

- Fill water in a container and immerse the hose in it.
- Draw off steam until the water/steam mixture is clean.
- If necessary, disassemble the Professional-Cappuccino Frother and thoroughly rinse the flow regulation with water (Fig. 14 and Fig. 15).

 For proper cleaning, use the JURA Auto Cappuccino Cleaning Agent which is available at your authorized dealer.

## 12. Switching off the coffee machine

 To ensure perfect operation, please switch your IMPRESSA to standby mode with the  symbol first. Then switch the machine off with the power switch (21).

- Use the key  to switch on the coffee machine.
- **DISPLAY** PLEASE SELECT
- Use  key to switch **OFF** your coffee machine.
- **DISPLAY** GOOD BYE
- The automatic rinsing operation is started.

## 13. Programming

When your coffee machine leaves the factory it is adjusted such that you can draw off coffee without having to change any settings. However, you can programme various parameters individually.

You can programme the following stages:

- Filter
- Water hardness
- Aroma
- Temperature
- Water quantity for coffee
- 1 Cup
- Steam portion
- Water portion
- Time
- Automatic switch-on time
- Automatic switch-off time
- Draw offs
- Language

## 13.1 Programming the filter

Refer to Chapter 6.1 «Inserting the filter».

## 13.2 Programming the water hardness

Refer to Chapter 5 «Adjusting the water hardness».

## 13.3 Programming the aroma INTENSIVE or STANDARD



The aroma for the powder quantities (☉ / ☉☉ / ☉☉☉) was adjusted to Intensive in the factory. If requested it can also be set to Standard.

- Use the key to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING:
- **DISPLAY** PLEASE SELECT
- Press programming key until you hear an acoustic signal.
- Touch symbol until the following message is displayed:
- **DISPLAY** AROMA INTENSIVE
- Press symbol **ST@RT**, you will hear an acoustic signal, INTENSIVE flashes.
- Use the symbols to adjust the aroma to **STANDARD**.
- Press symbol **ST@RT** to confirm the new settings.
- **DISPLAY** AROMA STANDARD
- Use the symbols to reach the next programming stage or press programming key to quit Programming Mode.

## 13.4 Programming the temperature

- Use the key to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Press programming key until you hear an acoustic signal.
- Touch symbol until the following message is displayed:
- **DISPLAY** TEMP. HIGH
- Press symbol **ST@RT**, you will hear an acoustic signal and HIGH flashes.
- Use the symbol to adjust the temperature to **NORMAL**.
- Press symbol **ST@RT** to confirm your settings.
- **DISPLAY** TEMP. NORMAL
- Use the symbols to reach the next programming stage or press programming key to quit Programming Mode.

## 13.5 Programming the water quantity

- Use the key to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING:
- **DISPLAY** PLEASE SELECT
- Press programming key until you hear an acoustic signal.
- Press symbol until the following message is displayed:
- **DISPLAY** WATER QUANTITY
- Press symbol **ST@RT**.

### ■ **DISPLAY** SELECT PRODUCT

■ Select the product, the water quantity of which you want to programme (☐ / ☐ / ☐)

### ■ **DISPLAY** COFFEE 90 ML

■ Press symbol **ST@RT**, the value flashes.

■ Use symbols ◀ ▶ to change the value in 5 ml increments.

■ Press symbol **ST@RT** to save the water quantity for this product.

### ■ **DISPLAY** WATER QUANTITY

■ Use the symbols ◀ ▶ to reach the next programming stage or press programming key [P] to quit Programming Mode.

## 13.6 Programming 1 cup

➔ Now, you will program the draw-off key 1 cup (3). This has no influence on the touch screen.

■ Use the key ⏻ to switch on the coffee machine.

■ **DISPLAY** WWW. IMPRESSA-F-LINE.COM

■ **DISPLAY** HELLO, MACHINE HEATING UP

■ **DISPLAY** PRESS MAINTENANCE

■ **DISPLAY** MACHINE RINSING:

■ **DISPLAY** PLEASE SELECT

■ Press programming key [P] until you hear an acoustic signal.

■ Press symbol ▶ until the following message is displayed:

■ **DISPLAY** 1 CUP 120 ML.

■ Press symbol **ST@RT**, the value flashes.

■ Use symbols ◀ ▶ to change the value in 5 ml increments.

■ Press symbol **ST@RT** to save the water quantity for 1 cup.

■ **DISPLAY** 1 CUP NORMAL

■ Press one of the symbols (☉ / ☉☉ / ☉☉☉) to select the strength of your coffee.

■ **DISPLAY** 1 CUP STRONG

■ Press symbol **ST@RT** to save the new settings.

■ **DISPLAY** 1 CUP 180 ML (for example)

■ Use the symbols ◀ ▶ to reach the next programming stage or press key [P] to quit Programming Mode.

➔ These settings were taken over for the draw-off key for 2 cups.

## 13.7 Programming the steam portion

➔ The programmable steam portion time is between 3 and 60 seconds.

■ Use the key ⏻ to switch on the coffee machine.

■ **DISPLAY** WWW. IMPRESSA-F-LINE.COM

■ **DISPLAY** HELLO, MACHINE HEATING UP

■ **DISPLAY** PRESS MAINTENANCE

■ **DISPLAY** MACHINE RINSING:

■ **DISPLAY** PLEASE SELECT

■ Press programming key [P] until you hear an acoustic signal.

■ Press symbol ▶ until the following message is displayed:

■ **DISPLAY** STEAM 20 SEC.

■ Press symbol **ST@RT**, the value 20 flashes.









■ Press symbols ◀ ▶ to change the value.

■ Press symbol **ST@RT** to save the new value.


■ **DISPLAY** STEAM 40 SEC (Example)


■ Use the symbols ◀ ▶ to reach the next programming stage or press programming key [P] to quit Programming Mode.










## 13.8 Programming the water portion


- Use the key  to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Press programming key  until you hear an acoustic signal.
- Press symbol  until the following message is displayed:
- **DISPLAY** WATER PORTION
- Press symbol **ST@RT**, you will hear an acoustic signal.
- **DISPLAY** PRESS KEY
- Press water portion draw-off key .
- **DISPLAY** ENOUGH WATER? PRESS MAINTENANCE.  
When the required water quantity is reached press key . The water draw-off operation is stopped, the water portion is programmed now.
- Use the symbols   to reach the next programming stage or press programming key  to quit Programming Mode.

## 13.9 Programming the time


 You must programme the time if you want to use the automatic switch-on function.




- Use the key  to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING:
- **DISPLAY** PLEASE SELECT

- Press programming key  until you hear an acoustic signal.
- Press symbol  until the following message is displayed:
- **DISPLAY** TIME —:—
- Press symbol **ST@RT**, you will hear an acoustic signal and —:— flashes.
- Use symbols   to adjust the hours and confirm by pressing **ST@RT**.
- Use symbols   to adjust the minutes and confirm by pressing **ST@RT**. The time is now programmed.
- Use the symbols   to reach the next programming stage or press programming key  to quit Programming Mode.

 If the machine is disconnected from mains supply, the time must be programmed again.

## 13.10 Programming the automatic switch-on time

 You must programme the time (Chapter 13.9) if you want to use the automatic switch-on function.

- Use the key  to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING:
- **DISPLAY** PLEASE SELECT
- Press programming key  until you hear an acoustic signal.
- Press symbol  until the following message is displayed:
- **DISPLAY** MACHINE ON —:—
- Press symbol **ST@RT**, you will hear an acoustic signal and —:— flashes.



- Use the symbols ◀ ▶ to select the hours and confirm by pressing **ST@RT**.
- Use symbols ◀ ▶ to adjust the minutes and confirm by pressing **ST@RT**. The switch-on time is now programmed.
- Use the symbols ◀ ▶ to reach the next programming stage or press programming key [P] to quit Programming Mode.

### 13.11 Programming the automatic switch-off time

➔ You can programme your coffee machine such that it will switch off automatically after a certain time. You can programme the switch-off time in a range between 0.5 and 9 hours, or select –:– (i.e. function switched off).

- Use the key ⏻ to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING:
- **DISPLAY** PLEASE SELECT
- Press programming key [P] until you hear an acoustic signal.
- Press symbol ▶ until the following message is displayed:
- **DISPLAY** OFF AFTER 5.0 HOURS
- Press symbol **ST@RT**, you will hear an acoustic signal and 5.0 flashes.
- Use the symbols ◀ ▶ to select the hours and confirm by pressing **ST@RT**.
- Use the symbols ◀ ▶ to reach the next programming stage or press programming key [P] to quit Programming Mode.

### 13.12 Cup counter

➔ This function is available with the following products: In Aroma Select via symbols ☐, ☐, ☐ and via the pre-ground coffee draw-off key ☐, draw-off key for 1 cup ☐ and draw-off key for 2 cups ☐.

- Use the key ⏻ to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Press programming key [P] until you hear an acoustic signal.
- Press symbol ▶ until the following message is displayed:
- **DISPLAY** DRAW OFFS ..... (Total number of draw offs)
- To learn how often a function was selected, press the corresponding key or symbol.
- Use the symbols ◀ ▶ to reach the next programming stage or press programming key [P] to quit Programming Mode.

### 13.13 Programming the language

- Use the key ⏻ to switch on the coffee machine.
- **DISPLAY** WWW. IMPRESSA-F-LINE.COM
- **DISPLAY** HELLO, MACHINE HEATING UP
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING
- **DISPLAY** PLEASE SELECT
- Press programming key [P] until you hear an acoustic signal.
- Press symbol ▶ until the following message is displayed:
- **DISPLAY** SPRACHE DEUTSCH

- Press symbol **ST@RT**, you will hear an acoustic signal and **DEUTSCH** flashes.
- Press symbols **< >** to select the required language.
- Press symbol **ST@RT** to save the new settings.
- **DISPLAY** LANGUAGE ENGLISH
- Use the symbols to reach the next programming stage or press programming key **[P]** to quit Programming Mode.


### 13.14 Connectivity

With the Connectivity system it is possible for your IMPRESSA F90 to communicate with your PC and the Internet. To use this feature, you will need a kit which you can order at [www.impressa-f-Line.com](http://www.impressa-f-Line.com) or your local authorized dealer. Available as an optional extra.

## 14. Maintenance


### 14.1 Refilling water

- **DISPLAY** REFILL WATER
- If this information is displayed, drawing off products is no longer possible. Refill water as described in Chapter 3.3.
- **DISPLAY** PLEASE SELECT


 The water tank should be rinsed daily and refilled with fresh water. Only fill in fresh, cold water. Never fill in milk, mineral water or other liquids.

### 14.2 Emptying the coffee grounds container

- **DISPLAY** EMPTY COFFEE GROUNDS CONTAINER
- If this information is displayed, drawing off products is no longer possible and the coffee grounds container must be emptied (Fig.8 ).

 Your coffee machine must be switched on.

- Carefully take out the drip tray, it is filled with water.
- **DISPLAY** NO TRAY
- **DISPLAY** PLEASE SELECT

 The red water level warning message appears when the coffee drip tray is full.

### 14.3 No Drip tray


- **DISPLAY** NO TRAY
- If this information is displayed, the drip tray is not installed properly or was not installed at all.
- **DISPLAY** PLEASE SELECT

### 14.4 Filling the bean tank

- **DISPLAY** REFILL BEANS
- We recommend that you clean the bean tank regularly before refilling beans, using a dry cloth. Before doing this, switch off the coffee machine.
- Refill beans as described in Chapter 3.4.

 The message REFILL BEANS will disappear after you draw off your next cup of coffee.

### 14.5 Replacing the filter

 After drawing off 50 liters the filter cartridge will be used up.

Refer to Chapter 6.2 «Replacing the filter».

## 14.6 Cleaning the coffee machine

After 200 draw-off operations or after 160 rinsing operations, the coffee machine must be cleaned. A message appears on the display, telling you to start the cleaning programme. You can still draw off coffee or hot water/steam. However, we recommend that you should clean the machine (Chapter 15) within the next few days.

■ **DISPLAY** CLEAN MACHINE / PLEASE SELECT

## 14.7 Coffee machine calcified

During normal use of the coffee lime scaling will occur. The degree of calcification depends on the hardness of the water you use. The machine will inform you when de-scaling is required. You can still draw off coffee or hot water/steam. However, we recommend that you should de-scale the machine (Chapter 16) within the next few days.

■ **DISPLAY** MACHINE CALCIFIED / PLEASE SELECT

## 14.8 General cleaning instructions

- Never use scrapers, abrasive cloths, sponges or caustic chemicals for cleaning.
- Clean the inside and outside of the case using a soft, moist cloth.
- Clean the 2-stage frothing jet each time it was used.
- Clean the control panel with a micro-fibre cloth.
- After heating milk, draw off some water to clean the inside of the 2-stage frothing jet.
- You can disassemble the 2-stage frothing jet to clean it thoroughly (Fig. 9).
- The water tank should be rinsed daily and refilled with fresh water.



If lime-scaling forms in the tank, remove it using a commercial de-scaling agent. Take out the water tank.





If you use a CLARIS plus filter cartridge, remove it before de-scaling the tank.

## 14.9 Emptying the system



This is necessary to protect the coffee machine against damage occurring during transport as a result of frost.

- Use the  key to switch **off** the coffee machine.
- Place a jug under the 2-stage frothing jet (15).
- Press the steam portion draw-off key  until the following message appears.
- **DISPLAY** SYSTEM EMPTYING
- The coffee machine is switched off.

## 15. Cleaning


The coffee machine features an integrated cleaning programme. The procedure takes some 15 minutes.




JURA cleaning tablets which are specially designed for the cleaning program of your IMPRESSA are available at your authorized dealer. Please note that machine defects or residues in the water cannot be excluded if you use inappropriate cleaning agents.




Once started, the cleaning operation must not be interrupted. After each cleaning operation the filler funnel for the 2nd coffee type should be cleaned.


- **DISPLAY** CLEAN MACHINE / PLEASE SELECT
- Press maintenance key  until the following message appears.

- **DISPLAY** EMPTY TRAY. Take out the tray, empty it and reinstall it.
- **DISPLAY** PRESS MAINTENANCE
- Press maintenance key .
- **DISPLAY** MACHINE CLEANING
- **DISPLAY** TABLET / PRESS MAINTENANCE (Fig. 6). You will hear an acoustic signal.
- **DISPLAY** MACHINE CLEANING
- **DISPLAY** EMPTY TRAY. You will hear an acoustic signal.
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE CLEANING
- **DISPLAY** EMPTY TRAY. You will hear an acoustic signal.
- **DISPLAY** PLEASE SELECT
- Wipe coffee powder tank with a dry cloth after the cleaning program has finished.
- Now the cleaning operation is complete.


## 16. De-scaling

The coffee machine features an integrated de-scaling programme. The procedure takes some 30 minutes.



 JURA de-scaling tablets which are specially designed for the de-scaling program of your IMPRESSA are available at your authorized dealer. Please note that machine defects or residues in the water cannot be excluded if you use inappropriate de-scaling agents.


 Your machine will inform you if it needs de-scaling. You can still draw off coffee or hot water / steam and start the de-scaling programme later.

Switch off the system before starting the de-scaling programme. Once started, the de-scaling programme must not be interrupted.


 If acidic de-scaling agents are used, remove any splashes and drops from sensitive surfaces, in particular surfaces made of natural stone and wood, alternatively take appropriate preventive measures.

In any case wait until the de-scaling agent is used up and the tank is empty. Never refill de-scaling agent.

- **DISPLAY** MACHINE CALCIFIED / PLEASE SELECT
- Use the key  to switch **off** the coffee machine.
- **DISPLAY** GOOD BYE
- Remove hot water nozzle / 2-stage frothing jet.
- Take out the water tank.
- Press maintenance key , until the following message appears.
- **DISPLAY** EMPTY TRAY
- **DISPLAY** AGENT IN TANK

 Completely dissolve the content of one blister (3 tablets) in a jug containing 0.5 liters of water, and fill the mixture in the water tank. Reinstall the water tank.

- Put a sufficiently large container under the hot water jet (15).
- **DISPLAY** PRESS MAINTENANCE / AGENT IN TANK
- **DISPLAY** Machine de-scaling
- The de-scaling agent comes out of the hot water jet in intervals. After some intervals the de-scaling agent is discharged directly in the drip tray.
- **DISPLAY** EMPTY TRAY. You will hear an acoustic signal.
- **DISPLAY** REFILL WATER

 Thoroughly rinse the water tank and fill it with fresh cold tap water. Then reinstall it.

- Put a sufficiently large container under the hot water jet (15).

- **DISPLAY** PRESS MAINTENANCE / REFILL WATER
- **DISPLAY** MACHINE DE-SCALING
- The water comes out of the hot water jet in intervals. After some intervals the water is discharged directly in the drip tray.
- **DISPLAY** EMPTY TRAY. You will hear an acoustic signal.
- **DISPLAY** PRESS MAINTENANCE
- **DISPLAY** MACHINE RINSING:
- **DISPLAY** PLEASE SELECT



After the de-scaling, clean the aluminium front using a slightly moist cloth.

## 17. Disposal

Please return the coffee machine to your local dealer, the service shop or to JURA for proper disposal (Fig. 3).

## 18. Tips for perfect coffee

### *Adjustable coffee spout*

You can adjust the height of the coffee spout to the size of your cups

### *Grinding degree*

Refer to Chapter 3.5 «Adjusting the grinding gear».

### *Preheating cups*

You can preheat the cups using hot water or steam. The smaller the coffee you want to draw off, the more important preheating is.

### *Sugar and cream*

Stirring coffee/tea will result in heat being released. Adding refrigerated cream or milk will reduce the temperature of the coffee significantly.

## 19. Messages

| <b>DISPLAY</b>                    | <b>Cause</b>   | <b>Remedy</b>   |
|-----------------------------------|--|---|
| REFILL WATER                      | Water tank is empty.   | Refill water  |
|                                   | Float defective  | Rinse or de-scale water tank  |
| REFILL BEANS                      | Bean tank is empty.  | Refill beans  |
|                                   | Although you have refilled beans, the message still appears. | Draw off a cup of coffee.<br>The message will disappear only after you have drawn off a cup of coffee         |
| EMPTY COFFEE<br>GROUNDS CONTAINER | Coffee grounds container full                                | Empty coffee grounds container  |
|                                   | Tray reinstalled too early after emptying                    | Wait 10 sec. before reinstalling the tray   |
| NO TRAY                           | Drip tray not installed properly or missing                  | Install tray properly   |
| CLEAN MACHINE                     | Cleaning required  | Start cleaning programme (Chapter 15)   |
| MACHINE CALCIFIED                 | De-scaling required  | Start de-scaling programme (Chapter 16)   |
| REPLACE FILTER                    | Filter empty   | Change filter (Chapter 6.2)   |
| FAULT                             | General fault  | 1) – switch off<br>– disconnect from mains supply<br>– connect machine to mains supply<br>– switch on machine |
|                                   |  | 2) Have machine checked by JURA Service   |

## 20. Problems

| <b>Problem</b>                                | <b>Cause</b>                           | <b>Remedy</b>                                   |
|---|--|---|
| Very loud noise coming from the grinding gear | Foreign body in grinding gear          | Drawing off pre-ground coffee is still possible |
|   |  | Have machine checked by JURA Service            |
| Too little froth when frothing milk           | 2-stage frothing jet blocked           | Clean 2-stage frothing jet                      |
|   | 2-stage frothing jet in wrong position | Draw off steam (Chapter 10)                     |
| Coffee only drips from the coffee spout       | Grinding degree too fine               | Coarser grinding gear adjustment                |
|   | Pre-ground coffee too fine             | Use a coarser pre-ground coffee                 |

If the messages or problems are still present, please contact your local authorized dealer or JURA Elektroapparate AG.

## 21. Legal information

These operating instructions contain all the information required for using, operating and maintaining the machine properly.


Knowledge of and compliance with the specifications contained in these operating instructions is required for using the machine safely as well as for operational safety and safety during maintenance.

These operating instructions cannot cover any conceivable application. The machine was designed for private household use.

Additionally we point out that the content of these operating instructions does not form part of any previous or existing agreement, consent or a legal relationship nor does it constitute a change of such a(n) agreement, consent or legal relationship. Any obligations to be fulfilled by JURA Elektroapparate AG are stipulated in the corresponding purchase contract, which also contains the full and solely applicable warranty stipulations. These contractual warranty stipulations are neither extended nor limited by the specifications contained in these operating instructions.

The operating instructions contain information, protected by Copyright. Photocopying or translations into other languages shall not be permissible without JURA Elektroapparate AG's written approval.

## 22. Technical Data

|  |   |
|--|---|
| Voltage:                                 | 230V AC   |
| Power:                                   | 1450 W  |
| Fuse:                                    | 10 A  |
| Safety check:                            |  |
| Energy consumption Standby:              | approx. 3.5 Wh  |
| Energy consumption «Ready for draw-off»: | approx. 11.5 Wh   |
| Pump pressure:                           | static max. 15 bar  |
| Water tank:                              | 1.9 litres  |
| Bean tank capacity:                      | 200gr.  |
| Coffee grounds container capacity:       | max. 16 portions  |
| Length of mains cable:                   | approx. 1.1 m   |
| Weight:                                  | 9.7 kg  |
| Dimensions (WxHxD):                      | 28 x 34,5 x 44,5cm  |

The machine complies with the following EU directives:

73/23/EEG dated 19/02/1973 "Low Voltage Directive" including Modification Directive 93/336/EEG

89/336/EEG dated 03/05/1989 "EMC Directive" including Modification Directive 92/31/EEG



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