

# CafeRomantica

630  
650

Fully automatic coffee centre  
Operating Instructions and Useful Tips



**NIVONA**

A passion for coffee.



## Operating Instructions and Useful Tips

Dear Customer,

Congratulations and many thanks for choosing a high-quality NIVONA product. To get the most out of your NIVONA machine, please read this manual carefully before use. Please start by reading the safety notes.

Please keep this manual in a safe place. You may want to use it as reference guide or hand it on to any further users of your machine.

Purchase made at

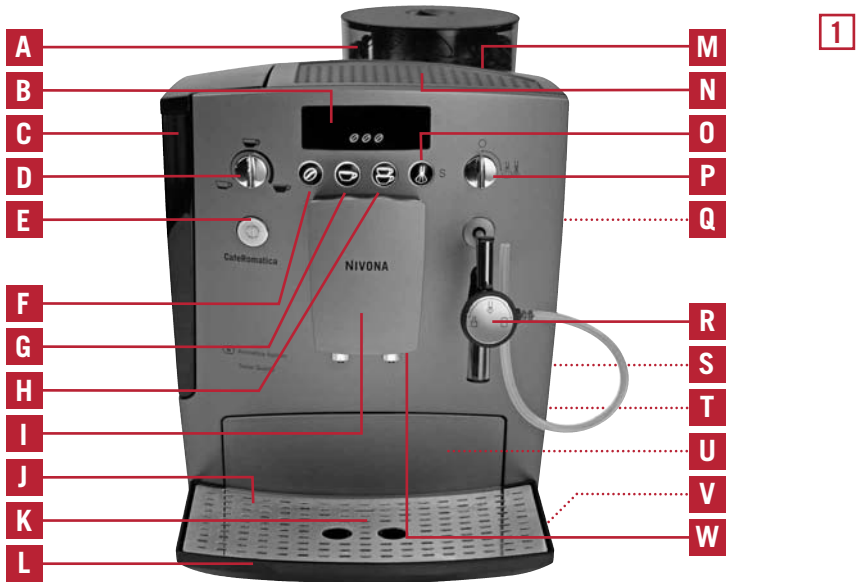
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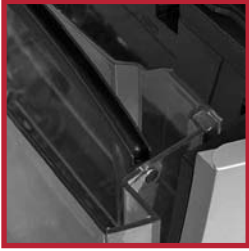
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## Equipment



- |                                      |   |  |
|--------------------------------------|---|--|
| <b>A</b> Bean container with lid     | <b>I</b> Height-adjustable coffee spout       | <b>R</b> Milk-frothing device 'spumatore', hot water jet |
| <b>B</b> Symbol display screen       | <b>J</b> Drip grill                           | <b>S</b> Nameplate with model name                       |
| <b>C</b> Removable water tank        | <b>K</b> Fill level indicator for drip tray   | <b>T</b> Power cord storage compartment (on rear)        |
| <b>D</b> Water quantity control knob | <b>L</b> Drip tray                            | <b>U</b> Used coffee tray (inside)                       |
| <b>E</b> On / Off button             | <b>M</b> Pre-ground coffee chamber            | <b>V</b> Rear rollers, underneath, NICR650 only          |
| <b>F</b> Coffee strength button      | <b>N</b> Cup holding plate                    | <b>W</b> Cup illumination, NICR650 only                  |
| <b>G</b> 1-cup button                | <b>O</b> Steam warm-up / rinse button         |  |
| <b>H</b> 2-cup button                | <b>P</b> Steam / hot water valve control knob |  |
|                                      | <b>Q</b> Grinder settings (on rear)           |  |



2



3



4



5



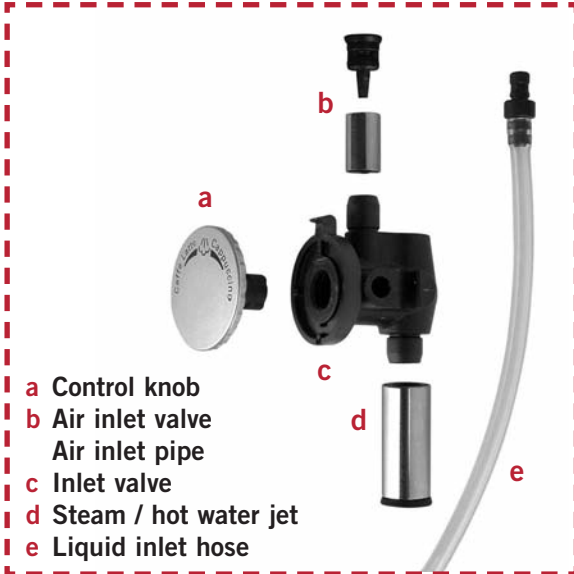
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## Symbols

Symbol	Number	Brief description
	11	Coffee strength MILD
	12	Coffee strength NORMAL
	13	Coffee strength STRONG
 Flashing	14	Not enough coffee beans – fill container
	15	Fill water tank
	16	Pre-ground coffee
	17	Hot water / steam, open / closed
	18	Empty used coffee tray / drip tray
	19	Descale machine
	20	Clean machine



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# 1. Safety instructions

- The machine is for domestic use only and is not suitable for commercial applications. Otherwise, claims under the guarantee will not be accepted.
- Operating voltage must be the same as mains voltage. Please note the model nameplate / sticker on the underside of the machine (fig. 1/S).
- Do not operate the machine if the power cord or machine case is damaged.
- Keep the power cord away from hot parts.
- Do not unplug the machine by pulling on the power cord.
- Observe the cleaning & descaling instructions provided. Otherwise, claims under the guarantee will not be accepted.
- Make sure to switch off and unplug the machine before maintenance or cleaning.
- Place the machine on a firm, level surface and use it indoors only.
- Do not place the machine on a hot surface or near open flames.
- Keep out of reach of children and ensure that they do not play with the appliance.
- Always unplug the machine during extended periods of absence.
- Do not leave the machine switched on unnecessarily.
- Do not submerge the machine in water.
- Do not put the machine or individual parts in the dishwasher. Otherwise, claims under the guarantee will not be accepted.
- Unplug immediately if there is a defect (do not pull the cord or machine to unplug).
- Liability for damages cannot be accepted if the machine is incorrectly operated, subject to improper use or non-professional servicing. **In such cases, services will not be provided under the guarantee.**
- Use the coffee grinder for grinding roasted coffee beans only – do not use with other foods. Always make sure there is nothing but coffee beans in the beans container – **otherwise the guarantee will not apply.**
- This machine is not suitable for individuals (including children)



## ... 1. Safety instructions

with physical, sensory or mental impairments, including individuals who do not have sufficient experience or knowledge, unless they are shown how to operate the machine or initially supervised by someone responsible for their safety.

If repair services are required, including replacement of the power cord, please first contact your dealer or the service-hotline. Afterwards send the machine to the dealer from whom it was purchased – or to NIVONA national customer services.

**Caution!** Electrical appliances must be repaired by qualified personnel! Non-professional repairs can expose the user to significant risks. Liability for damages cannot be accepted if the machine is used for any other than the intended purpose, incorrectly maintained or serviced.

**Caution!** Using the on/off switch (fig. 1/E) while the machine is brewing can cause damage! Only switch off the appliance when it is in passive state.

**Caution! Risk of scalding!**

- Then you produce steam or hot water, watch out for splashes from the jet / 'spumatore' (fig. 1/R): risk of scalding!
- Only touch the plastic parts of 'spumatore' (fig. 1/R) and never point it at people!
- The steam jet or 'spumatore' (fig. 1/R) becomes VERY HOT during use. Leave to cool for a few minutes before touching.

**CE – This machine conforms to EC guidelines.**

### Specifications

Mains voltage: 230 V  
Power input: 1400 W

**Note:** Your fully automatic coffee centre has a cord storage compartment – if the power cord is too long, any surplus can be accommodated in the storage area on the rear of the machine (fig. 1/T).



## 2. Set up

### 2.1 Preparing the machine

→ Carefully remove the machine and all parts from the packaging.

**Note:** If you need to return your machine for servicing, it can be sent by post in the original packaging. Please keep all packaging and protective material for this purpose.

→ Remove the water reservoir (fig. 1/C and 2) and wash it out with clean, cold tap water.

→ Then fill the reservoir up to the “max.” mark and replace it in the machine. Make sure that it clicks into place.

**Note:** Only ever fill the reservoir with fresh, cold water. Do not use carbonated water or other liquids!




→ Open the lid of the coffee container (fig. 1/A) and fill it with coffee beans.

**Note:** Do not use beans which have been treated with supplements, such as sugar, during or after the roasting. Supplements can damage the grinding mechanism and any repair costs arising as a result are not covered by the guarantee.

Please make sure the steam / hot water valve control knob (fig. 1/P and 5) is turned to ‘0’!

### 2.2 Getting started

→ Plug the machine in.

→ Press the On / Off button (fig. 1/E). In the display light up the symbols ,  and  one after another (otherwise, please see the following **Note** below).

→ After a short time the steam / rinse button ‘S’ (fig. 1/O) light flashes.

→ Place a cup under the height-adjustable coffee spout (fig. 1/I and 3) and press the steam / rinse button ‘S’ (fig. 1/O).

→ The system is then filled with water and completely rinsed out via the coffee spout. This operation must always be carried out when the machine is started from cold to preserve the aroma of the coffee. It ensures that no stale water or coffee left over from previous brews is used.


→ All four operating buttons (fig. 1/F, G, H, O) then light up, and the selected coffee strength is shown in the display by the corresponding number of beans.



## ... 2. Set up


→ The machine is now operational.

**Note:** As a protective measure, the pipes are not filled with water when the machine is first operated. The machine indicates this as follows:

→ When the machine has been turned on with the On / Off button (fig. 1/E), Symbol .

→ Place a cup under the steam / hot water jet (fig. 1/R).

→ Turn the steam / hot water valve control knob (fig. 1/P and 5) to the right to open the valve. The system then fills up and some water may come out of the jet (fig. 1/R).

→ As soon as the symbol  lights up without flashing and the filling operation has stopped automatically, you can turn the valve control knob (fig. 1/P and 5) back again to close it.

→ Then follow the steps in '2.2 Getting started'.

→ The machine is now operational.

your coffee beans. We recommend that you leave the grinder on a medium setting.

→ Slide the regulator on the rear side (fig. 1/Q) into the desired position while the grinder is running. The smaller the dot, the finer the coffee is ground. Remember:

- a light roast requires a finer grind
- a dark roast requires a coarser grind

Try out the different settings to find the one that best meets your personal preferences.

### 2.3 Grinder settings

**Caution:** Grinder settings can only be adjusted when the grinder is in operation. You can adjust the grinder settings to suit the roast of



## 3. Making coffee


**Note:** The machine is preset for immediate use. However, we recommend that first you adjust the most important settings to suit your personal needs. Please follow the instructions in chapter 4 (Programming functions) for filter, temperature and water hardness settings.


**Note:** When the machine is brand new or has not been used for an extended period, the first cup of coffee does not have the full aroma and should not be drunk.


From model 650 onwards, the appliance is equipped with automatic cup lighting for even greater visual enjoyment. This always lights up during the whole coffee preparation process and goes off a few seconds after the coffee cycle is complete.


### 3.1 Selecting coffee strength

There are three levels of coffee strength. They are shown in the display as follows:

**MILD**, Symbol  uses about 7g of ground coffee e.g. for cafe latte or cappuccino

**NORMAL**, Symbol  uses about 9g of ground coffee e.g. for American coffee

**STRONG**, Symbol  uses about 11g of ground coffee e.g. for espresso or very strong coffee.

- As soon as the machine is operational, the display shows the default setting (Symbol ).
- You can change this by pressing coffee strength button (fig. 1/F) until the desired coffee strength appears in the display (fig. 1/B).

### 3.2 Select water quantity

You can freely select the quantity of water used by turning the water quantity control knob (fig. 1/D and 4). The little cup bottom left represents less water, the large cup bottom right represents more water.

**Tip:** The water quantity can be adjusted while the machine is running. Try out various cup sizes and quantities to find the setting that best suits your personal preferences.

### 3.3 Making one cup

- Place your cup under the coffee spout (fig. 1/I and 3). The coffee spout is height-adjustable and can be raised or lowered to suit the cup size.




## ... 3. Making coffee

→ Select the water quantity setting as described in 3.2.

→ Press the coffee strength button (fig. 1/F) until the desired coffee strength appears.

→ Press the 1-cup button (fig. 1/G).

→ The machine now starts the grinding, pre-brewing and brewing operation. It can be stopped at any time by pushing any button.

**Caution:** The first time you brew coffee, the grinding chamber is still empty. The symbol for 'not enough beans' (Symbol ) may therefore start to flash after the first grinding and no coffee is produced. If this occurs, press the 1-cup button (fig. 1/G) a second time and the operation is repeated.

**Tip:** To determine the ideal quantity of water for your taste or cup size, make your first cup of coffee as follows:

→ Turn the water quantity control knob (fig. 1/D and 4) to one of the following positions:

- middle for an espresso cup,
- far right for a large cup.

→ Press the 1-cup button (fig. 1/G).

→ The machine starts brewing.

→ Shortly before the desired amount of coffee is reached, turn the water quantity control knob (fig. 1/D and 4) **slowly** to the left, until the machine stops brewing.

→ For future use, note where the water quantity control knob is now pointing.

### 3.4 Making two cups of coffee

In the 2-cup operation, two cups of coffee are produced consecutively.




→ Place both cups under the coffee spout (fig. 1/I and 3).

→ Select the desired water quantity and coffee strength settings for **one** cup (fig. 1/D and 1/F).

→ Press the 2-cup button (fig. 1/H).

→ The machine now starts the grinding, pre-brewing and brewing operations and produces two consecutive cups of coffee.

#### Tips:

- Brewing can be stopped at any point by pressing any button.
- If the water or beans supply runs out or the trays need emptying between brewing the first cup and the second, the appropriate symbol will appear in the display (Symbol ,  or ) and the second coffee will no longer be made.





## ... 3. Making coffee

Follow the display screen and then press the **1-cup** button (fig. 1/G) for the second cup.

### 3.5 Using pre-ground coffee

→ First turn the water quantity control knob (fig. 1/D and 4) to the desired level for 1-cup.

→ Open the lid of the pre-ground coffee chamber (fig. 1/M and 7). Symbol  flashes.

→ Add a level measuring spoon of ground coffee and close the lid again (Symbol  and the 1-cup button lit up).

→ Place a cup under the coffee spout (fig. 1/I and 3) and press the 1-cup button (fig. 1/G). A cup of coffee is now brewed without grinding.

**Note:** If the pre-ground coffee chamber is left open by accident or no button is pressed after coffee is added, the machine will automatically ask to be rinsed out a minute after the lid is closed. Press the flashing rinse button (fig. 1/O) to confirm, and the machine will be rinsed out via the coffee spout. It is then operational again.

**Caution:** The pre-ground coffee chamber is not a storage container. **Never** add more than one measure at a time to the chamber, and use only fresh grinded or vacuum-packed coffee ground. **Do not use instant coffee powder.**

### 3.6 Drawing hot water

→ Hold a cup under the steam / hot water jet or 'spumatore' (fig. 1/R).

→ Turn the steam / hot water valve control knob (fig. 1/P and 5) to the right. Fill the cup up to the desired level and turn the valve control knob back to '0'.

#### **Caution: Risk of scalding!**

Watch out for splashes. The jet becomes very hot during use. Leave to cool for a few minutes before touching, or only touch the plastic parts.




## ... 3. Making coffee

### 3.7 Drawing steam / frothing milk

#### 3.7.1 Drawing steam

→ Press the steam warm-up button (fig. 1/O).

→ The steam warm-up button (fig. 1/O) flashes for a brief warm-up period.

→ As soon as the steam warm-up button stops flashing (after a few seconds) and the symbol  flashes, steam can be drawn.

→ Dip the jet (fig. 1/R) into the cup / container with the milk to be frothed. Make sure the control knob is in the central position.

→ Now turn the steam / hot water valve control knob (fig. 1/P and 5) to the right.

**Caution:** A little water comes out before the steam.

→ The steam warm-up button (fig. 1/O) flashes while you draw steam.

→ Turn the valve control knob (fig. 1/P and 5) back to the left, to the 'O' position, to stop drawing steam.

→ Press the steam warm-up button again (fig. 1/O and 5) to switch the machine back to normal coffee brewing mode.

#### 3.7.2 Frothing milk, hot milk and cappuccino


With the special 'spumatore' frothing device (fig. 1/R and 10) you can heat up milk straight from the carton or bottle and then froth it into the cup.

→ Dip the inlet hose (fig. 10/F) straight into the milk carton or bottle.

→ Now place a cup under the 'spumatore' jet (fig. 1/R).

→ Then press the steam warm-up button (fig. 1/O).

→ The steam warm-up button (fig. 1/O) flashes for a brief warm-up period.

→ As soon as the steam warm-up button stops flashing (after a few seconds) and the symbol  flashes, steam can be drawn.

→ For a cappuccino: turn the spumatore control knob (fig. 10a) to the left so that it points to symbol 'frothed milk'.

→ For hot milk, turn the spumatore control knob (fig. 10a) to the right so that it points to symbol 'hot milk'.

→ Now turn the steam / hot water valve control knob (fig. 1/P and 5) to the right.



## ... 3. Making coffee

**Caution:** A little water comes out before the steam.

→ As soon as the desired amount of milk or hot milk has been drawn, turn the steam valve control knob (fig. 1/P and 5) back to the left into the '0' position.

→ Press the steam warm-up button again (fig. 1/O and 5) to switch the machine back to normal coffee brewing mode.

→ Now place the cup with the frothed or hot milk under the coffee spout (fig. 1/I and 3) and fill up with coffee by pressing the button as described above (point 3.3 / 3.4).

**Note:** Steam can be drawn for about 2 minutes. Then the machine will automatically switch the operation off. You can prolong the operation by turning the control knob back and forth (fig. 1/P and 5).

**Caution:** It is hard to remove dried milk left on the jet after frothing. Please therefore clean the equipment as soon as it has cooled down!

→ To do this, fill a container with fresh, cold water, and dip the inlet hose into it.

→ Place an empty container under the spumatore / jet (fig. 1/R).

Turn the spumatore control knob (fig. 10a) to the right so that it points to symbol 'hot milk'.

→ Now draw steam as described above until only clean water / steam flows out.

→ Now the whole 'spumatore' mechanism is clean and operational again.

**Cleaning:** For optimal cleaning the 'spumatore' must from time to time be dismantled and its parts rinsed under cold clear water. It is easy to take apart and reassemble (fig. 10).



## 4. Programming functions

The following buttons are used for programming:

**Coffee strength button** (fig. 1/F)

**1-cup button** (fig. 1/G)

**2-cup button** (fig. 1/H)

**Steam warm-up button** (fig. 1/O)

### 4.1 Filter

#### Inserting filter

You can purchase a special filter for the water reservoir in specialist shops (1 filter is included). If you use this filter correctly, you will not need to descale your coffee machine as often. After the filter was inserted, please adjust the water hardness setting on level 1 (see chapter 4.2).

→ Empty the water tank (fig. 1/C and 2).

→ Set the insertion and replacement date on the date ring (months) at the top end of the filter cartridge.

→ Screw the filter into the bracket provided in the water reservoir using the assembly tool on the end of the measuring spoon (fig. 6).

→ Fill up the reservoir with fresh water and put it back in the machine.

→ Hold a container under the steam / hot water jet (fig. 1/R) and

turn the valve control knob (fig. 1/P and 5) to the right to open. The system will now be rinsed through. If the machine was in ECO-mode please repeat operation. The system will be rinsed (ca. 0,3 L).

→ Wait until no more water comes out of the jet and turn the valve control knob (fig. 1/P and 5) back to the left to close.

→ The system can briefly heat up and is then operational again.

**Note:** Make sure to remove the filter when the expiry date set on the date ring is reached. Also make sure to take the filter out the machine for descaling when instructed to do so (see 5.3).

#### Operating without a filter

If you no longer wish to use the filter, do not forget to adjust the water hardness settings.

**Important:** Please note that the following programs can only be set if the machine is switched to ON. You can program the following settings:

**water hardness, temperature level, automatic switch off, ECO mode .**



## ... 4. Programming functions

### 4.2 Water hardness

According to the water hardness in your region, or if you have not inserted a filter (see chapter 4.1), sooner or later the machine needs descaling. So that the system can indicate accurately when descaling is necessary, you must enter the correct water hardness settings before first use.

The default setting is level 3.

First, test your water with the test strips provided:

- Dip the strip into the water and then shake it lightly off.
- After about a minute you can read the result by counting the red dots on the test strip.
- The settings corresponding to the different levels of hardness are as follows:

**Note:** If none of the dots turn red on the test strip, please set to level 1.

- Switch your machine ON.
- Press the steam warm-up button (fig. 1/0) for about 5 seconds.
- The water hardness is indicated by the number of buttons lit up as detailed below.
- Press the steam warm-up button repeatedly until the buttons which indicate your level of water hardness light up.
- Press the coffee strength button to confirm.
- To confirm your settings, the buttons which indicate the level selected flash twice consecutively.
- The programming operation is then complete and the system is restored to coffee-brewing mode.

Test strip	Hardness level	Symbol for setting	
1 red dot	1–7°	Coffee strength	is lit up Level 1
2 red dots	8–14°	Coffee strength	+ 1-cup button are lit up Level 2
3 red dots	15–21°	Coffee strength	+ 1-cup button + 2-cup button are lit up Level 3
4 red dots	>21°	Coffee strength	+ 1-cup button + 2-cup button + S/steam button are lit up Level 4



## ... 4. Programming functions

**Note:** If you interrupt your programming operation for more than 1½ minutes, your machine goes automatically back into coffee-brewing mode.

### 4.3 Temperature

You can change the coffee temperature as desired (the default setting is 'high'):

**Normal** = Coffee strength button is lit up

**High** = Coffee strength button and 1-cup button are lit up

**Maximum** = coffee strength button and 1-cup button and 2-cup button are lit up

→ Press and hold the 1-cup button (fig. 1/F) for about 5 seconds.

→ The buttons which indicate the current temperature setting light up as detailed above.

→ You can change to the other temperature setting by pressing the 1-cup button.

Press the coffee strength button to confirm the desired temperature setting. The buttons which indicate the setting flash twice to confirm the selection.

**Note:** If you interrupt your programming operation for more than

1½ minutes, your machine automatically switches back into coffee-brewing mode.

### 4.4 Automatic switch off

This function allows you to program the machine to switch OFF automatically given number of hours after the last brewing operation. The following settings are possible. After:

→ **1 hour** = coffee strength button is lit up.

→ **3 hours** = coffee strength button + 1-cup button are lit up.

→ **5 hours** = coffee strength button + 1-cup button + 2-cup button are lit up.

The default setting is level 1, '1 hour'. To change this setting, follow the instructions below:

→ Press and hold the 2-cup button (fig. 1/H) for about 5 seconds.

→ The buttons which indicate the current automatic switch off settings light up.

→ You can select a different automatic switch off setting by pressing the 2-cup button.

Press the coffee strength button to confirm the desired automatic switch off setting. The buttons



## ... 4. Programming functions

which indicate the setting flash twice to confirm the selection.

**Note:** If you interrupt the programming operation longer than 1½ minutes, the machine will switch automatically back into the coffee-brewing mode.

### 4.5 ECO Mode

Your appliance is equipped with a modern, programmable power saving function (ECO Mode). This is factory-set and means that the appliance remains on power-saving ECO Mode with minimal heat output 3 minutes after its last use – therefore using less electricity. If the coffee maker is started from power-saving ECO Mode, this can take a few seconds longer (heating time). You can also deactivate the ECO Mode, so that the appliance is on full stand-by while switched on:

You can program the following settings:

- ECO Mode active = 1-cup button + 2-cup button are lit up
- ECO Mode inactive = 1-cup button is lit up

The default setting is “ECO Mode active”.

To change this setting, follow the instructions below:

- Press and hold the coffee strength button (fig. 1/F) for about 5 seconds.
- The buttons which indicate the current settings light up.
- You can select setting by pressing the steam button.
- Press the coffee strength button to confirm the desired setting. The buttons which indicate the setting flash twice to confirm the selection.



## 5. Maintenance and care

### 5.1 Changing filter

The filter loses its efficiency and must be replaced after at most two months.

→ To change filter, empty the water reservoir (fig. 1/C and 2) and unscrew the old filter from the bracket in the water reservoir. It can be discarded with the usual household rubbish.

→ Set the insertion and replacement dates on the date ring (months) at the upper end of the new filter cartridge.

→ Screw the new filter into the bracket provided in the water reservoir using the assembly tool on the end of the measuring spoon (fig. 6).


→ Refill the water reservoir with fresh water and replace it in the machine.

→ Hold a container under the steam / hot water jet (fig. 1/R) and turn the valve control knob (fig. 1/P and 5) to the right to open. The system will now be rinsed out.


→ Wait until no more water comes out of the jet and then turn the valve control knob (fig. 1/P and 5) back to the left to close.

→ The system can briefly heat up and is then operational again.

### 5.2 Cleaning program



When the machine must be cleaned, Symbol  appears in the display.

**Note:** You can continue to brew coffee and draw hot water or steam. However, we recommend that you carry out the cleaning program as soon as possible, otherwise operation may be adversely affected and the guarantee may be invalidated.


**Caution:** Once running, the cleaning program must not be interrupted. Symbol  flashes during the whole cleaning operation. **Please follow the instructions in the exact order given below:**


→ Press and hold the coffee strength button and 1-cup button simultaneously for about 5 seconds.

→ The machine is rinsed twice through the coffee spout.

→ Symbol  lights up and Symbol  continues to flash.

→ Remove the drip and used coffee trays (fig. 1/L) and clean thoroughly.

→ Replace the drip and used coffee trays. Symbol  now also lights up.

→ Open the lid of the pre-ground coffee chamber. Symbol  starts flashing.



## ... 5. Maintenance and care

→ Add the cleaning tablet to the pre-ground coffee chamber and shut the lid.


→ Symbol  flashes and the 1-cup button also flashes.

→ Remove the water reservoir (fig.1/C and 2), fill it with fresh water and replace it in the machine. The symbols given above continue to flash at first.

→ Place a fairly large container (about 0.5 l) under the coffee spout.

→ Press the flashing 1-cup button.

→ The machine starts the cleaning operation.

→ The cleaning cycle is automatic and lasts about 10 minutes. As soon as it is completed, Symbol  lights up.

→ Remove, empty and replace the drip tray.

→ The machine warms up briefly.

→ When the bean symbol in the display and all operating buttons are lit up without flashing, the machine is operational again.

### Manual cleaning

If required, the cleaning programme can be started and run as described above even if no indication has been displayed by the machine that this is necessary.

### 5.3 Descaling

If the machine needs to be descaled, Symbol  appears in the display.

You can continue to brew coffee and draw hot water or steam. However, we recommend that you carry out the descaling program as soon as possible, otherwise operation may be adversely affected and the guarantee may be invalidated. **Make sure to take the filter out the machine for descaling when instructed to do so.**

#### Caution!

- Once running, the descaling program must not be interrupted.
- **Never** use vinegar or acetic acid based agents for descaling. Use standard liquid products available in specialist retailers and recommended for use on fully automatic coffee centres.









**Symbol  flashes during the whole descaling operation.**

**Please follow the instructions in the exact order given below:**

→ Press and hold the coffee strength button and 2-cup button simultaneously for about 5 seconds.



## ... 5. Maintenance and care

- Symbol  lights up and Symbol  continues to flash.
- Remove the drip tray and used coffee tray (fig. 1/L and 1/U) and clean thoroughly.
- Replace the drip tray and used coffee tray.
- Symbol  and the 1-cup button flash.
- **First** remove and fill the water reservoir with fresh water up to the 0.5 l mark. Replace the water reservoir in the machine.
- **Then** add the descaling agent to the water (never the other way round – please note the manufacturer's instructions).
- Now press the flashing 1-cup button.
- The machine starts the descaling program (water flows in).
- The first stage of the descaling program lasts about 12 minutes.
- Symbol  flashes.
- Now place a fairly large container (about 0.5 l) under the steam / hot water jet.
- Turn the steam / hot water valve control knob right to open.
- The second stage of the descaling program starts and runs for about 10 minutes.
- As soon as the cycle is completed, Symbol  lights up.
- Remove, empty and replace the drip tray.
- Symbol  and the 1-cup button both flash.
- Remove and clean the water reservoir and fill it up with fresh water.
- Replace the water reservoir.
- Now place a fairly large container (about 0.5 l) under the steam / hot water jet.
- Press the flashing 1-cup button.
- The rinsing operation via the hot water jet begins.
- When the rinsing operation is completed, Symbol  flashes.
- Turn the hot water / steam knob to the left to close.
- The internal rinsing operation begins and lasts about 1 minute.
- Symbol  lights up.
- Remove and empty the drip and used coffee trays.
- Clean them and replace them in the machine.
- The machine warms up briefly and is operational again when the bean symbol in the display and all operating buttons light up without flashing.



## ... 5. Maintenance and care

### Manual descaling

If required, the descaling program can be started and run as described above even if no indication has been displayed by the machine that this is necessary. See point 5.3.

### 5.4 General cleaning

**Caution:** Never submerge the machine in water! Do not use abrasive materials to clean the machine. Do not put the removable components of the machine in the dishwasher.

→ Wash the case inside and out with a soft, damp cloth only.

→ Empty the drip tray (fig. 1/L) and the used coffee tray (fig. 1/U) only when instructed to do so by the display. Always empty the used coffee compartment when it is removed. Occasionally use soapy water to clean.

→ When the red fill level indicator for the drip tray (fig. 1/K) becomes visible, please remove, empty, clean and replace the drip tray.

→ The water reservoir (fig. 1/C and 2) should be rinsed out and filled up with fresh cold water on a daily basis.

→ It is hard to remove dried milk left on the jet (fig. 1/R) after frothing. Please therefore clean the equipment as soon as it has cooled down – ideally repeat the steam drawing operation in a cup with fresh, cold water and wipe with a damp cloth.

→ **Note:** From time to time, the steam jet should be completely unscrewed, dismantled into pieces and given a thorough clean under flowing water.

### Cleaning the brewing unit

If required, the brewing unit can be removed and cleaned under running water. Please only use water to do this, not cleaning agents! It is recommended to remove and clean the brewing unit after each completed cleaning program.

→ **The machine must be switched off for this operation.**

→ Remove the right cover by unfixing it at the opening (fig. 8).

→ Unlock the brewing unit by pressing the red switch and turning the handle to the left until it blocks (fig. 9).

→ Withdraw the brewing unit carefully by the handle (fig. 9).



## ... 5. Maintenance and care

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If machine was not switched off it will now automatically do so.









- Wash the brewing unit under running water and then let it dry.
- Carefully replace the brewing unit and lock by pressing the red lever switch and turning the handle to the right until it clicks.
- Replace the cover.
- Press the on/off button to switch the machine to normal operating mode.

FROM MODEL NICR 650 ONLY:

Your appliance is equipped with moveable rear rollers (see image 1/V). This allows it to be moved easily on a level worktop. This enables you to clean underneath the base of the unit both effortlessly and easily.



## 6. System messages

Message	→ Meaning	→ What to do
Symbol 17 flashes 	→ Fill or rinse out water pipes	→ Turn hot water control knob (fig. 1/P and 5) to the right to open valve
Symbol 15 flashes 	→ Water reservoir (fig. 2) empty → Water reservoir absent or incorrectly positioned	→ Fill reservoir with fresh water → Position water reservoir correctly
Symbol 14 flashes 	→ Not enough coffee beans or beans not yet in the grinding chamber	→ Add beans to the container (fig. 1/A) or press button to restart brewing operation
Symbol 18 flashes 	→ Used coffee tray (fig. 1/U) full	→ Empty trays
Symbol 18 lights up 	→ Drip tray (fig. 1/L) and Used coffee tray (fig. 1/U) absent or incorrectly positioned	→ Position drip tray and used coffee tray correctly
Symbol 20 lights up 	→ Cleaning required	→ Clean the machine (see point 5.2)
Symbol 19 lights up 	→ Descaling required	→ Descale the machine (see point 5.3)
Symbol 16 flashes 	→ Ground coffee chamber (fig. 1/M) open	→ Close lid



## 7. Trouble-shooting

<b>Fault</b>	<b>→ Reason</b>	<b>→ What to do</b>
No hot water or steam comes out of the jet / 'spumatore'	→ 'Spumatore' blocked / stuck	→ Take 'spumatore' (fig. 1/R) apart and clean thoroughly (fig. 10)
Too little milk froth or froth too liquid	→ Unsuitable milk → 'Spumatore' is blocked / stuck	→ Use cold milk → Take 'spumatore' (fig. 1/R) apart and clean thoroughly (fig. 10)
Coffee only comes out in drips	→ Grinder setting too fine → Pre-ground coffee too fine	→ Select a coarser grinder setting → Use coarser pre-ground coffee
Coffee without 'crema'	→ Unsuitable coffee type → Beans not freshly roasted → Grinder settings not adjusted to coffee beans used	→ Change coffee type → Use fresh beans → Optimise grinder settings
Grinder makes loud noise	→ Other substances in grinder, e.g. little stones	→ Call service hotline, meanwhile pre-ground coffee can be used
No symbol in display lights up.	→ Brewing unit incorrectly positioned or locked	→ Check brewing unit positioning and lock. Switch ON machine

**If you are unable to correct a fault yourself, call the service hotline – please consult the notes in the accompanying guarantee and customer service information booklet.**

## 8. Further instructions

### Transport and storage

The steam must be evacuated from the machine if it is to be transported or stored in cold rooms.

- Remove water reservoir.
- Press steam warm-up button and wait until it lights up without flashing.
- Turn steam / hot water valve control knob to the right (fig. 1/P and 5).
- When no more steam comes out, turn steam / hot water valve control knob to the left (fig. 1/P and 5).
- Turn off the machine.

Please keep the original packaging and protective material for storage and transport purposes.

### Replacement parts / accessories

You can purchase new water filters, cleaning tablets and descaling agents from any well-stocked specialist retailer.

### Customer service

NIVONA products are designed to meet the highest quality standards. However, if questions do arise while you operate your machine, we


would like to hear from you. Your support is essential to our mission to further develop and improve our products so that they fully meet your needs.

### Guarantee and customer service conditions

Please consult the detailed guarantee and customer service conditions in the appropriate information booklet.

### Protecting the environment



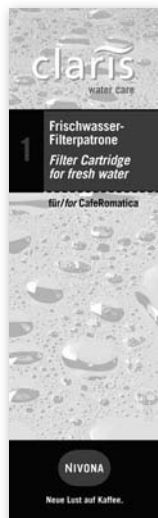
Electric and electronic appliances often contain valuable or harmful materials  which should not be processed in the same way as normal household waste. If incorrectly processed, they can harm human health and the environment. Please therefore do not put your machine in the dustbin with normal waste. Instead submit it to the “collection point for the disposal and recycling of electric and electronic appliances” provided by your local council. You can obtain further information from your local council, the waste collection services or the specialist retailer who sold you the product.



## Original NIVONA accessories

### Professional care and maintenance

Your love of coffee is here to stay.



The CLARIS filter cartridge NIRF 700 is filled with purely organic material, without chemical additives, if changed regularly, it ensures that you will have to descale your NIVONA machine less often.



### Cleaning tablets NIRT 700

Your fully automatic coffee centre provides an integrated cleaning programme. Cleaning tablets are specifically designed for this purpose and completely loosen staining such as coffee residues.

### Fluid descaler NIRK 703

Your fully automatic coffee centre provides an integrated descaling programme. The descaler will reliably remove limescale without damaging the machine.



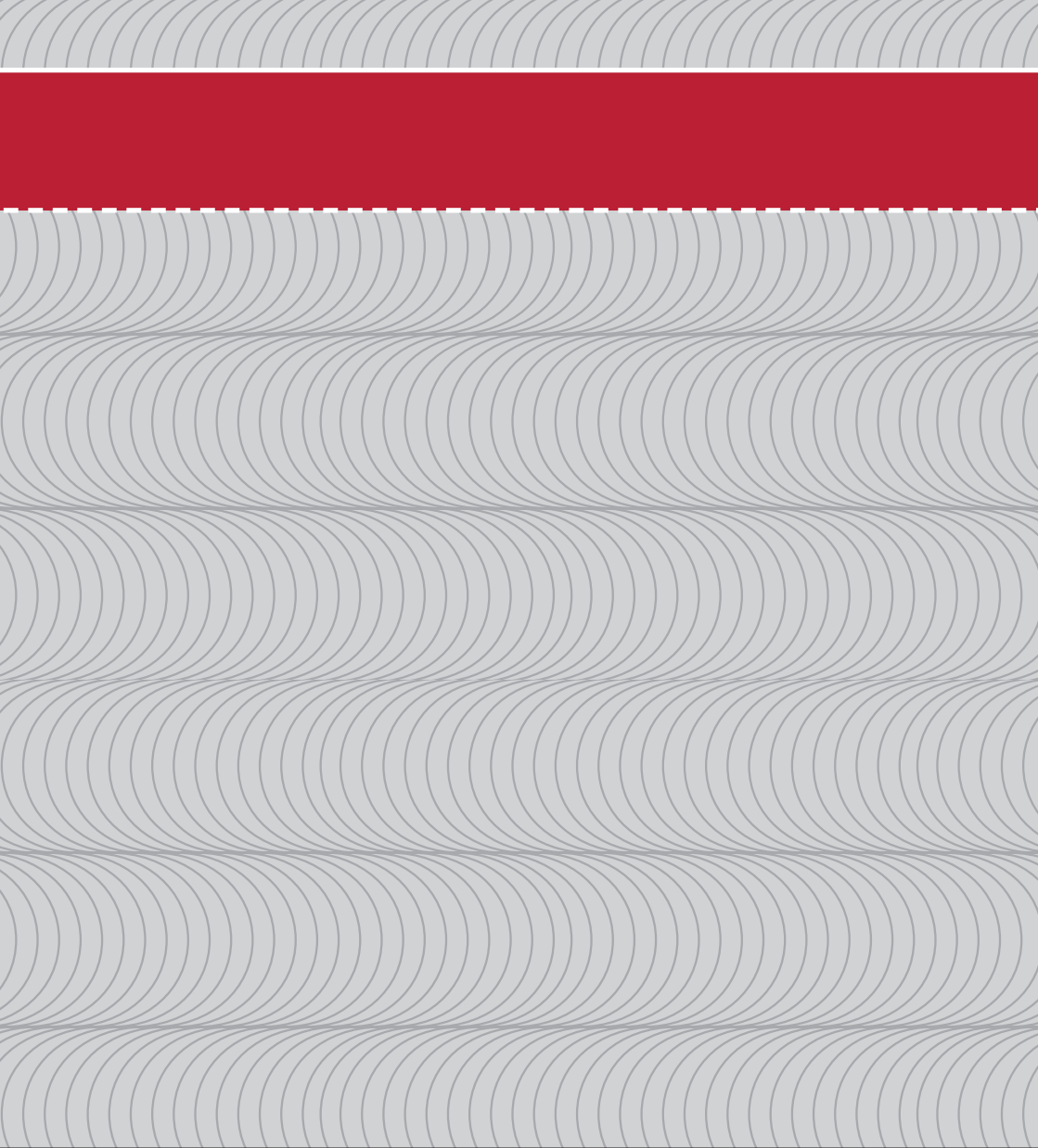
Liquid cleaner CreamClean NICC 705 can easily rid all milk-frothing-devices of high quality fully automatic coffee centres of milk residues.

MilkCooler NICT 500: Standard accessory for the NICR770, optional for all NIVONA fully automatic coffee centres with milk frothing devices: The high-quality, stainless steel thermos milk-cooler keeps the milk "fridge cold" for longer, to obtain the best milk frothing results.



You can purchase new accessories from any well-stocked specialist retailer.

Subject to replacement with similar designs and technical alterations.



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