

CafeRomantica

NICR7..

Fully automatic coffee centre
Operating Instructions and Useful Tips



NIVONA

Neue Lust auf Kaffee.



NICR7..

1





Equipment

- A** Text display screen with control keys
- B** Removable water reservoir
- C** Cupwarming / holding plate
- D** Water quantity control knob
- E** Coffee strength button
- F** 1-cup button
- G** 2-cup button
- H** On / Off button
- I** Service button 'S'
- J** Height-adjustable coffee spout
- K** Cup-warming function (On / Off switch, NICR770 only)
- L** Nameplate with model name
- M** Grinder settings control knob (inside)
- N** Bean container with lid
- O** Pre-ground coffee chamber
- P** Steam warm-up button
- Q** Steam / hot water valve control knob
- R** Document compartment (on rear)
- S** Rotating rollers, underneath, at the back of NICR750 / 770 only
- T** Steam / hot water jet and 'spumatore' (milk frother)
- U** Used coffee tray (inside)
- V** Power cord storage compartment (on rear)
- W** Cup illumination, NICR750 / 770 only
- X** Milk cooler, NICR770 only otherwise accessory
- Y** Drip grill
- Z** Drip tray

Equipment



2



3



4



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7



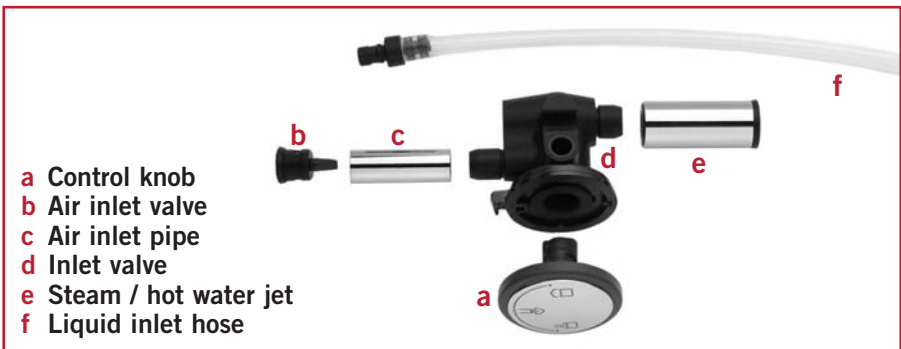
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11

- a Control knob
- b Air inlet valve
- c Air inlet pipe
- d Inlet valve
- e Steam / hot water jet
- f Liquid inlet hose

 **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.

Your retailer and the NIVONA team hope that you enjoy great coffee and are extremely satisfied with this high-quality NIVONA product.

Purchase made at

Place, date

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1. Safety instructions

- This machine may only be used for the intended purpose (domestic use) and is not for commercial application – see guarantee conditions. 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 machine (fig. 1/L).
- 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.
- Never 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 integrated coffee grinder for grinding roasted coffee beans only. Never use for 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) 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.

If the appliance's power cord should become damaged, it must be replaced by the manufacturer, the manufacturer's customer service department or a



... 1. Safety instructions

similarly qualified specialist, in order to avoid any hazards.

Caution: Electrical appliances must be repaired by qualified personnel. Non-professional repairs can expose the user to significant dangers. 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 button (fig. 1/H) during brewing can damage the machine. Only switch off when the appliance when it is in passive state.

Caution: Risk of scalding!

- Then you draw steam or hot water, watch out for splashes from the jet / frother (fig. 1/T): risk of scalding!

- Only touch the plastic parts of the steam jet (fig. 1/T) and never point it at people.
- The steam jet (fig. 1/T) becomes VERY HOT during use. Leave to cool for a few minutes before touching.

CE – This machine conforms to the valid EC guideline.

Specifications

Mains voltage: 220–240 V

Power input: 1465 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/V).



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/B and 2) and wash it out with cold, fresh 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 fill the reservoir with fresh, cold water. Do not use carbonated water or other liquids. Otherwise, claims under the guarantee will not be accepted.

→ Open the lid of the coffee container (fig. 1/N) and add 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/Q and 7) is turned to ‘0’!



... 2. Set up

2.2 Getting started

→ Remove the plug from the power cord compartment (fig. 1/V) and plug the machine in.

→ Press the On / Off button (fig. 1/H). „SYSTEM HEIZT“ (“SYSTEM IS HEATING”) appears in the display (*otherwise, please see the following **Note** below).

→ After the machine has warmed up, the service button (fig. 1/I) flashes. The instruction „BITTE SPÜLEN“ (“PLEASE RINSE”) flashes in the display.

→ Now place a cup under the height-adjustable coffee spout (fig. 1/J and 5) and press the service button (fig. 1/I). The system is then filled with water and completely rinsed out via the coffee spout (fig. 1/J and 5).

→ The machine is now operational.

Note: Please see point 4.5 to change language!

***Note:** For manufacturing reasons, the machine hoses may still be empty when the machine is first operated.

The machine indicates this as follows:

→ After the machine has been switched on using the On / Off button (fig. 1/H), “SYSTEM FÜLLEN” (“PIPE-SYSTEM FILLS UP”) and “VENTIL DREHEN” (“TURN VALVE”) appear alternately in the display.

→ Hold a container under the jet and open the steam / hot water control valve (fig. 1/Q and 7) by turning knob to the right. The system now fills up and some water may come out of the jet (fig. 1/T).

→ As soon as the “VENTIL DREHEN” (“TURN VALVE”) signal reappears,

you can turn the valve control knob (fig. 1/Q and 7) back to The left to shut.

→ After the machine has warmed up, the service button (fig. 1/I) flashes. The instruction “BITTE SPÜLEN” (“PLEASE RINSE”) flashes in the display.

→ Press the service button (fig. 1/I) and the system is rinsed out via the coffee spout (fig. 1/J and 5).

→ The machine is now operational.

2.3 Grinder settings

Caution: Grinder settings can only be adjusted when the grinder is in operation. You can adjust the grinder to suit the roast of your coffee beans. We recommend that you leave the grinder on a medium setting.

→ Open the lid of the bean container (fig. 1/N).

→ Turn the control knob (fig. 1/M and 3) to 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 preference.

2.4 Using the cup-warming function

Model NICR 770 only: This machine is equipped with a high-quality ‘active’ cup-warming function which can be switched on and off independently by pressing the “cup warming” button (fig. 1/K and 10) on the side of the machine, the machine can be switched on or off.

... 2. Set up

The cup-warming function can be switched off by pressing the “cup-warming” On / Off button (fig. 1/K and 10) a second time.

The light in the switch indicates whether the warming function is switched on or off.

Use the warming function to optimise the temperature and aroma of your coffee to suit your personal preference.

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 preferences. Please follow the instructions in chapter 4 (“Settings / program functions”) for **language**, filter, and water hardness settings.

Tip: The NIVONA fully automatic coffee centre NICR770 is equipped with a personal “My Coffee” function (the default setting is 120 ml, normal). Pressing the 1 or 2 cup button for 3 seconds activates the preparation of “My Coffee” – the corresponding programming can be simply and easily changed as explained under chapter 4 “Programming functions”.

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 750 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 to which you can adjust the machine (NICR770: 5 levels). They are shown in the display screen as follows:

“**VERY MILD**”* = less than 7 g of ground coffee, e.g. for very mild Latte Macchiato;

“**MILD**”, about 7g of ground coffee, e.g. for café latte or cappuccino

“**NORMAL**”, about 9g of ground coffee, e.g. for American coffee

“**STRONG**”, about 11g of ground coffee, e.g. for espresso or strong coffee.

“**VERY STRONG**”*, more than 11g of ground coffee, e.g. for very strong espresso

(* = only Modell NICR 770)

→ As soon as the machine is operational, the display shows the default setting “**NORMAL**”.

→ You can change this setting by pressing the button (fig. 1/E and 6) repeatedly until the desired coffee strength appears in the display (fig. 1/A and 4).



... 3. Making coffee

3.2 Selecting water quantity

You can freely select the quantity of water used by turning the water quantity control knob (fig. 1/D and 6), (the empty cup bottom left represents less water, the full cup bottom right represents more water).

→ The selected quantity of water is displayed in the upper line of the display screen.

→ Water quantity can be adjusted in 10ml steps from 20ml to 240ml by turning the water quantity control knob from left to right.

20ml to 70ml for espresso or cappuccino

80ml to 130ml for American coffee

140ml to 240ml for café latte

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 meets your personal preference.

3.3 Making one cup of coffee

→ Place your (pre-heated) cup under the coffee spout (fig. 1/J or 5). The coffee spout is height-adjustable and can be raised or lowered to best suit the cup size.

→ For “My Coffee” function press 1 cup button for approx. 3 seconds.

Please further details at chapter 4.1 “My Coffee”. Otherwise:

→ Set the water quantity and coffee strength (fig. 1/D and 1/E).

→ Press the 1-cup button (fig. 1/F).

→ The machine now starts the grinding and brewing operation.

The brewing operation can be cancelled at any point by pressing the 1-cup (fig. 1/F) or 2-cup button (fig. 1/G).

Caution: The grinding chamber is empty the first time you brew a coffee. “FILL UP BEANS” may therefore appear in the display after the first grinding, and no coffee is brewed. If this occurs, simply press the 1-cup button (fig. 1/F) again 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 6) to one of the following positions:

· ‘100ml’ for a small (espresso) cup.

· ‘240ml’ for a large cup.

→ Press the 1-cup button (fig. 1/F).

→ The machine starts brewing.

→ Shortly before the desired amount of coffee is reached, turn the water quantity control knob (fig. 1/D and 6) **slowly** to the left, until the machine stops running.

→ You can now read in the display how much water is required for your desired cup / coffee quantity.

3.4 Making two cups of coffee

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

→ Place both (pre-heated) cups under the coffee spout (fig. 1/J and 5).

→ For “My Coffee” function press 2 cup button for approx. 3 seconds.

Please further details at chapter 4.1 “My Coffee”. Otherwise:

→ Select the desired coffee strength and water quantity settings for one cup (with the buttons see fig. 1/D and 1/E).



... 3. Making coffee

- Press the 2-cup button (fig. 1/G).
- The machine now starts the grinding and brewing operation and produces two consecutive cups of coffee.

Note:

- The brewing operation can be stopped at any point by pressing the 1-cup (fig. 1/F) or 2-cup buttons (fig. 1/G).
- If the water or beans supply runs out or the trays need emptying between brewing the first cup and the second, the appropriate message will appear in the display and the second coffee will not be made. Follow the display screen and then press the 1-cup button (fig. 1/F) for the second cup.

3.5 Using pre-ground coffee

- First turn the water quantity control knob (fig. 1/D and 6) to the desired amount for one cup.
- Open the lid of the pre-ground coffee chamber (fig. 1/O). “FILL POWDER” appears in the display.
- Add one level measuring spoon of ground coffee and close the lid again. “POWDER READY” appears in the display.
- Place a cup under the coffee spout (fig. 1/J and 5) and press the ‘1-cup’ button for one cup (fig. 1/G).

Note: If the pre-ground coffee chamber is left open by accident or the ‘1-cup’ button is not pressed after ground coffee is added, the machine will automatically be rinsed out via the coffee spout (fig. 1/J and 5) a minute after the lid is closed. 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 or vacuum-packed coffee ground from beans. **Do not add instant coffee powder!**

3.6 Drawing hot water

(e.g. for making tea)

- Hold a cup under the jet (fig. 1/T).
- Turn the steam / hot water valve control knob (fig. 1/Q and 7) to the right. Hot water comes out of the jet and the display reads “HOT WATER”
- Fill the cup up to the desired level and turn the valve control knob (fig. 1/Q and 7) 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.

3.7 Drawing steam

- Then press the steam warm-up button (fig. 1/P and 7). The display reads “STEAM IS PREHAETING”.
- As soon as the system is ready, “STEAM IS READY” and “TURN VALVE” appear alternately in the display.
- Hold a container with the liquid to be heated under the jet (fig. 1/T).
- Dip the jet (fig. 1/T) into the container with the liquid to be heated.
- Make sure that the ‘spumatore’ control knob (fig. 11a) is pointing to the neutral position (steam symbol).
- Turn the steam / hot water valve control knob (fig. 1/Q and 7) to the right. Caution: A little water will come out before the steam.
- The operation is completed by turning the control knob back to ‘0’ (fig. 1/Q and 7).



... 3. Making coffee

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 (fig. 1/Q and 7) back and forth.

Caution: Risk of scalding!

The steam which comes out is very hot. Only touch the black plastic parts of the jet. It is hard to remove dried milk left on the jet after frothing. Therefore clean the equipment as soon as it has cooled down – ideally repeat the steam drawing operation with fresh, cold water in a cup. For optimal cleaning the ‘spumatore’ must be dismantled from time to time and its parts rinsed under fresh, cold water. The ‘spumatore’ is easy to take apart and reassemble (see fig. 11).

3.8 Frothing milk, hot milk and cappuccino

With the special ‘spumatore’ / frothing device (fig. 1/T and 8) you can heat up milk straight from the carton or container and then froth it into the cup.

→ Dip the inlet hose (fig. 11f) straight into the milk carton or container.

→ Place a cup under the ‘spumatore’ jet (fig. 1/T and 8).

→ Then press the steam warm-up button (fig. 1/P and 7).

→ As soon as the system is ready, “STEAM IS READY” and “TURN VALVE” appear alternately in the display screen.

→ For cappuccino: now turn the ‘spumatore’ control knob (fig. 11a) to the left so that it points to symbol ‘foam / cappuccino’.

→ For hot milk, turn the ‘spumatore’ control knob (fig. 11a) to the right so

that it points to symbol ‘hot milk / café latte’.

→ Now turn the steam / hot water valve control knob (fig. 1/Q and 7) slowly to the right.

→ As soon as the desired amount of milk foam or hot milk has been drawn, turn the steam / hot water valve control knob (fig. 1/Q and 7) back to the left into the ‘O’ position.

→ Press the steam warm-up button again (fig. 1/P and 7).

→ Now place the cup with the frothed up or hot milk under the coffee spout (fig. 1/J and 5) and fill with coffee as explained above.

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

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

→ Place an empty container under the ‘spumatore’ jet (fig. 1/T and 8).

→ Now draw steam (as described in points 3.7 and 3.8) until only clean water / steam comes out.

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

Cleaning: For optimal cleaning the ‘spumatore’ must be dismantled from time to time and its parts rinsed under fresh, cold water. The ‘spumatore’ is easy to take apart and reassemble (see fig. 11).

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 (fig. 1/Q and 7) back and forth.



4. Programming functions

The function keys under the text display screen are used to program functions (fig. 1/A and 4):

- P** = Programming mode
- >** = Selection key
- ok** = Confirmation key
- exit** = Cancel or end programming

Important: Please note that you can only program functions if the On / Off button (fig. 1/H) is switched to ON (display lit up).

The following functions are programmable:

- “My Coffee” individual programming
- Operation with / without filter
- Water hardness
- Temperature
- Automatic switch off
- Language
- Rinse settings
- Energy / ECO mod

4.1 “My Coffee” individual programming (only NICR770)

To program the 1 and 2 cup buttons for coffee to suit personal preference, simply follow the following steps:

- Press the program key **P** to enter programming mode. The display reads “PROGRAM MY COFFEE”.
- Press the **ok** key. The display reads “MY COFFEE FLAVOUR”.
- Press the **ok** key and press the **>** key until your preferred settings appears in the display.
- Press the **ok** key to confirm.
- Press again the **>** key – the display reads “MY COFFEE AMOUNT”
- Press the **ok** key and press the **>** key until your preferred settings appears in the display.
- Press the **ok** key to confirm.

→ Afterwards please press the **exit** key. You can now either continue in

programming mode to change other function settings or press **exit** again to leave programming mode.

By holding down the 1 cup button for some time (approx. 3 seconds, until “My Coffee” appears in the display) you will now always get a cup that corresponds to the setting you selected (and similarly 2 cups by pressing the 2 cup button for longer).

4.2 Filter

Inserting a filter

A special filter for the water reservoir is included in the machine accessories. **If you use this filter correctly you will not need to descale your coffee machine as often (recommended: descale about twice per year, see point 5.4, ‘descaling’)**. You must change the filter setting to “FILTER YES” so that the machine knows that the filter has been inserted. The default setting is “FILTER NO”.

The current setting is indicated in the display screen.

- Press the program key **P** to enter programming mode.
- Press the **>** key until “PROGRAM FILTER” appears in the display.
- Press the **ok** key.
- Press the **>** key until “FILTER YES” appears in the display.
- Press the **ok** key to confirm.
- “INSERT FILTER” and “TURN VALVE” appear alternately in the display.
- Empty the water tank (fig. 1/B and 2) and screw the filter carefully into the bracket provided in the water



... 4. Programming functions

reservoir using the assembly tool on the end of the measuring spoon.

→ 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/T) and turn the control knob (fig. 1/Q and 7) to the right to open. The system will now be rinsed out.

→ Wait until no more water comes out of the jet for a short time and turn the control knob (fig. 1/Q and 7) back to the left to close. (**Caution:** If water continues to come out of the jet after a short while, the system is also ready. If this occurs, turn the control knob back to the left anyway.)

→ The system briefly warms up (“SYSTEM IS HEATING” appears in the display), and is then operational again.

→ **Note:** The service button (fig. 1/I) may still flash. Press the button (fig. 1/I) and the system will briefly be rinsed out through the coffee spout (fig. 1/J and 5).

Important: If you use a filter for your machine and have changed the function setting to “FILTER YES” the water hardness and function will no longer be shown. Internal device automatically sets the water hardness to Level 1. This means you only need to descale your appliance occasionally – always when indicated by the message on the display and at all times with the filter removed.

The filter loses its efficiency after processing about 50 l of water (for changing filter, see chapter 5.2).

Caution: If the machine is rarely used and the “CHANGE FILTER” signal does not appear in the display, the filter

must be replaced anyway after no longer than two months (see chapter 5.2 “Washing filter manually”).

Operating without a filter:

If you no longer wish to use a filter, the filter setting must be changed back to “FILTER NO”. This is important, as without a filter the machine must be descaled more often (the machine is delivered in the default setting “FILTER NO”).

→ Press the program key **P** to enter programming mode.

→ Press the > key until “PROGRAM FILTER” appears in the display.

→ Press the **ok** key.

→ Press the > key until “FILTER NO” appears in the display.

→ Press the **ok** key to confirm. The display reads: “PROGRAM FILTER”.

→ You can now either continue in programming mode to change other function settings or press **exit** to leave programming mode.

Note: Do not forget to set the water hardness now (see point 4.3).

4.3 Water hardness

Depending on the water hardness in your region, also if you have inserted a filter (see chapter 4.2), the machine needs descaling sooner or later. So that the system can indicate correctly when descaling is necessary, you must enter the correct water hardness settings before the first use.

Not during filter use – during ‘operation with filter’ with the corresponding programming, the water hardness is automatically set to Level 1.

The default setting is **level 3**.



... 4. Programming functions

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:

Test strip / hardness level

= Display

- 1 red dot / 1–7°
= “HARDNESS LEVEL 1”
- 2 red dots / 8–14°
= “HARDNESS LEVEL 2”
- 3 red dots / 15–21°
= “HARDNESS LEVEL 3”
- 4 red dots / > 21°
= “HARDNESS LEVEL 4”

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

- Press the program key **P** to enter programming mode.
- Press the > key until “PROGRAM W. HARDNESS” appears (it will not appear if the filter setting is on “FILTER YES” – see chapter 4.2).
- Press the **ok** key.
- Press the > key until the appropriate level appears in the display.
- Press the **ok** key to confirm. The display reads: “PROGRAM W. HARDNESS”.
- You can now either continue in programming mode to change other function settings or press **exit** to leave programming mode.

4.4 Temperature

You can change the coffee temperature to “NORMAL”, “HIGH” or “MAXI-

MUM” as desired. The default setting is “HIGH”:

- Press the program key **P** to enter programming mode.
- Press the > key until “PROGRAM TEMPERATURE” appears.
- Press the **ok** key.
- Press the > key until the desired setting appears.
- Press the **ok** key to confirm. The display reads: “PROGRAM TEMPERATURE”.
- You can now either continue in programming mode to change other function settings or press **exit** to leave programming mode.

4.5 Automatic switch off

This function allows you to program the machine to switch off automatically a given number of hours after the last brewing operation. The default setting is 0,5 hours.

- Press the program key **P** to enter programming mode.
- Press the > key until “PROGRAM TIMES” appears
- Press the **ok** key. The display reads “UNIT OFF AFTER”.
- Press the **ok** key to confirm.
- Press the > key until the desired number of hours (0,5–12 hours are possible) appears.
- Press the **ok** key to confirm.
- You can return to programming mode “PROGRAM TIMES” by pressing the **exit** key.
- You can now either continue in programming mode to change other function settings or press **exit** to leave programming mode.



... 4. Programming functions

4.6 Language

You can set 14 different languages: German, English, French, Italian, Dutch, Polish, Russian, Estonian, Czech, Swedish, Danish, Lithuanian, Hungarian and Turkish. The default setting is German.

- Press the program key **P** to enter programming mode.
- Press the > key until “WÄHLE SPRACHE” (“SELECT LANGUAGE”) appears
- Press the **ok** key.
- Press the > key until your desired language appears.
- Confirm your selection by pressing **ok**. The display reads “SELECT LANGUAGE”.
- You can now either continue in programming mode to change other function settings or press **exit** to leave programming mode.

4.7 Statistics

This program allows you to read how often the following functions have been used since the machine started operating: “1 CUP” / “2 CUPS” / “POWDER” / “TOTAL” (number of coffees served) “WATER” / “STEAM” / “CLEANING” / “DESCALING” / “FIL. CHANGES”.

- Press the program key **P** to enter programming mode.
- Press the > key until “SELECT STATISTICS” appears.
- Press the **ok** key.
- Press the > key until the desired statistic appears.
- You can return to “SELECT STATISTICS” at any stage by pressing **ok**.
- You can now either continue in pro-

gramming mode to change other function settings or press **exit** to leave programming mode.

4.8 Rinsing setting

The rinsing program (manually activated) is pre-programmed and installed by the manufacturer. Each time the appliance is switched on when it is cold from not having been used for a while, it heats itself up again and requires rinsing, in order to be thoroughly clean and to boil fresh water. This rinsing requirement will be shown in the display and by pressing the “S” button it can be manually started (fig. 1/ I).

Optionally, you can also program it to automatically rinse after switching the appliance off:

- Press the program key **P** to enter programming mode.
- Press the > key until “SELECT RINSING” appears.
- Press the **ok** key.
- Press the > key to select “OFF RINSE YES” or “OFF RINSE NO” .
- Press the **ok** key to confirm. The display reads “SELECT RINSING”.
- You can now either continue in programming mode to change other function settings or press **exit** to leave programming mode.

Note: Programmed OFF rinse, will only be carried out if a coffee has been previously made.

4.9 Energy / ECO Mode

Your appliance is equipped with a modern, programmable power saving function (ECO Mode). This is factory-set and means that the appliance



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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:

→ Press the program key **P** to enter programming mode.

→ Press the **>** key until “PROGRAM ECO-MODE” appears.

→ Press the **ok** key. The display reads “ECO-MODE YES”.

→ Press the **>** key until your desired ECO Mode setting appears.

→ Press the **ok** key to confirm.

→ You can now either continue in programming mode to change other function settings or press **exit** twice to leave programming mode.



5. Maintenance and Care

5.1 Inserting filter

Note: See chapter 4.2 ‘Inserting filter’.

5.2 Changing filter

Filters lose their efficiency after processing about 50 l of water. “CHANGE FILTER” appears in the display alternately with the normal operating message, and the service button (fig. 1/I) flashes.

Tip: Only press the service button (fig. 1/I) when you wish to change filter. You can continue to make coffee, hot water or steam. However, we recommend that you replace the filter immediately.

→ Empty the water reservoir (fig. 1/B and 2) and replace the filter (see point 4.2).

→ Press the service button (fig. 1/I). The display reads “CHANGE FILTER / TURN VALVE”.

→ Hold a container under the steam / hot water jet (fig. 1/T) and turn the valve control knob (fig. 1/Q and 7) to

the right to open. The system will now be rinsed through.

→ Wait until no more water comes out of the jet for a short time and turn the valve control knob (fig. 1/Q and 7) back to the left to close. (**Caution:** If water continues to come out of the jet, the system is ready anyway. If this occurs, still turn the control knob back to the left.)

→ The system briefly warms up and is then immediately operational again. The normal coffee-brewing message appears in the display.

Changing/ washing filter manually:

Caution! If you use the machine infrequently, you must change the filter after two months at most. No message will appear in the display and you must rinse the new filter manually. You can set the replacement date using the special rotating disk at the top of the filter (scale in months).

→ Empty the water reservoir (fig. 1/B and 2) and replace the filter.

→ Fill the tank with fresh water and



... 5. Maintenance and Care

replace it in the machine.

→ Press the program key **P** to enter programming mode.

→ Press the **>** key until “PROGRAM FILTER” appears.

→ Press the **ok** key. The display reads “FILTER YES”.

→ Press the **ok** key again. The display reads “MANUAL CHANGE FILTER”.

→ Press the **ok** key to confirm.

→ “CHANGE FILTER” and “TURN VALVE” appear alternately in the display.

→ Hold a container under the steam / hot water jet (fig. 1/T) and turn the control knob (fig. 1/Q and 7) to the right to open. The system is rinsed out.

→ Wait until no more water comes out of the jet for a short time and turn the control knob (fig. 1/Q and 7) back to the left to close. (**Caution:** If water continues to come out of the jet, the system is ready anyway. If this occurs, still turn the control knob back to the left.)

→ The system briefly warms up and is then immediately operational again. The normal coffee-brewing message appears in the display.

5.3 Cleaning program

When the machine needs to be cleaned, “PLEASE CLEAN” appears in the display and the service button (fig. 1/I) flashes.

Tip: Only press the service button (fig. 1/I) when you wish to start the cleaning program. You can continue to make coffee, hot water or steam. However, we recommend that you start the cleaning program as soon as possible.

Caution: Once running, the cleaning program must not be interrupted. Only add cleaning tablet when the machine instructs you to.

→ Press the service button (fig. 1/I). The display reads “EMPTY TRAYS” alternately with “FILL WATER”.

→ Remove the drip tray and used coffee tray (fig. 1/Z and 1/U) and clean them both.

→ Fill the reservoir (fig. 1/B and 2) with fresh water and replace it and the tray (fig. 1/Z) in the machine.

→ The machine rinses briefly and the display shows “CLEANING TAB. INTO / POWDER SHAFT”.

Tip: Place a sufficiently large container (about 0.5 l) under the coffee spout (fig. 1/J and 5).

→ Put a cleaning tablet into the ground coffee chamber (fig. 1/O) and shut the lid. The display reads “PRESS S KEY”.

→ Press the service button (fig. 1/I).

→ The machine starts the cleaning operation.

→ The cleaning operation runs automatically and lasts about 10 minutes. As soon as the cycle is complete, the display shows “EMPTY TRAYS”.

→ Empty, clean and replace the drip tray (fig. 1/Z).

→ Fill up the water reservoir (fig. 1/B and 2) again with fresh water if required.

→ The machine warms up briefly and is then immediately operational.

Manual cleaning

If required, the cleaning program can also be started even if no indication has been displayed by the machine that this is necessary:



... 5. Maintenance and Care

- Press the program key **P** to enter programming mode.
- Press the **>** key until “SELECT CLEANING” appears.
- Press the ‘ok’ key. The display reads “MANUAL CLEANING”
- Press the **ok** key. “EMPTY TRAYS” appears alternately with “FILL WATER” in the display.
- Continue as described above, from Point 5.3, ‘Remove the drip tray ...

5.4 Descaling

Note: When the machine needs descaling, the message “PLEASE DESCAL” appears in the display and the service button (fig. 1/I) flashes. However, you can start the descaling program manually at any time (see under ‘Descaling manually’).

Tip: Only press the service button when you wish to start the descaling program. Please strictly observe the order of the following instructions when descaling your machine. You can continue to make coffee, hot water or steam, but we do recommend that you complete the descaling program as soon as possible.

Caution: Once started, the descaling program cannot 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.

Caution: Make sure to take the filter out the machine for descaling when instructed to do so.

- Press the service button (fig. 1/I). The display reads “EMPTY TRAYS”.

- Empty the drip tray (fig. 1/Z) and replace it in the machine. The display reads “REMOVE TANK”.

→ Remove the water reservoir (fig. 1/B and 2) – the display reads “FILL WATER / DESCALER IN TANK”. Fill tank with water up to the 0.5 l mark before adding the descaling agent. (**Caution:** never the other way round – consult the manufacturers’ instructions).

- Replace the water reservoir in the machine. The display reads “TURN VALVE”.

Tip: Place a fairly large container (about 0.5 l) under the coffee spout (fig. 1/J and 5) and under the steam / hot water jet (fig. 1/T and 8).

- Open the steam / hot water valve (fig. 1/Q and 7) by turning the control knob to the right.

→ The machine descales automatically and the descaling solution now flows out at intervals through the steam / hot water jet (about 10 mins.).

- Wait for the next instruction in the display, “TURN VALVE”, then turn the valve control knob (fig. 1/Q and 7) back to the left.

→ The descaling solution now flows out at intervals through the inside spout (about 15 mins.).

- Please wait for the next instruction in the display, “EMPTY TRAYS”.

→ Remove and empty the drip tray (fig. 1/Z). The display reads “FILL WATER”.

- Fill the reservoir with fresh water and replace it and the drip tray in the machine. The display reads “TURN VALVE”.

→ Open the steam / hot water valve (fig. 1/Q and 7) by turning the control knob to the right.



... 5. Maintenance and Care

→ The system is rinsed out in intervals once more through the steam / hot water jet (fig. 1/T) (about 5 mins.).

→ As soon “TURN VALVE” appears in the display, you can turn the valve control knob (fig. 1/Q and 7) back to the left to close.

→ The system is rinsed out at intervals through the inside spout (about 5 minutes).

→ As soon as the rinse is completed, “EMPTY TRAYS” appears in the display.

→ Empty the drip tray (fig. 1/Z) and replace it in the machine.

→ The system warms up briefly. The display reads “PLEASE RINSE” and the service button flashes (fig. 1/I).

→ Press the service button (fig. 1/I) and the system is rinsed out through the coffee spout (fig. 1/J and 5)

→ The machine is now operational again.

Note: Please remove descaler residues at all times by wiping with damp cloth.

Manual descaling

If required, the descaling program can also be started even if no indication has been displayed by the machine that this is necessary:

→ Press the program key **P** to enter programming mode.

→ Press the **>** key until “SELECT DESCALING” appears.

→ Press the **ok** key. The display reads “MANUAL DESCALING”.

→ Press the **ok** key. “EMPTY TRAYS” appears in the display.

→ Continue as described above, from Point 5.4, step ‘Empty the drip tray ...

5.5 General cleaning

Caution: Never submerge the machine in water. Do not use abrasive materials to clean the machine.

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

→ Empty the drip tray (fig. 1/Z) and the used coffee tray (fig. 1/U) latest when when instructed to do so by the display (only when machine is switched on). From time to time use soapy water to clean.

Important: When cleaning the drip tray (fig. 1/Z), make sure that the two contacts on the back of the tray are always clean and dry.

→ The water reservoir (fig. 1/B and 2) should be rinsed out and refilled with fresh, cold water daily.

→ Clean the hot water and steam jet (fig. 1/T) with a damp cloth or flush it out with fresh, cold water until it is completely clean (see also cleaning note under point 3.8).

Cleaning the brewing unit

If required, the brewing unit can be removed and cleaned under running water. Please use only water to do this, not cleaning agents.

For hygiene reasons, we recommend removing and thoroughly cleaning the brewing unit after each completed cleaning program (see point 5.3).

→ Remove the right cover by unscrewing both screws (e.g. with a 5-cent coin).

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



... 5. Maintenance and Care

- Then extract the brewing unit carefully by the handle (fig. 9).
- Wash the brewing unit under running water and then let it dry.
- Replace and lock the brewing unit with equal care by pressing the red lever switch and turning the handle to the right until it clicks.
- Replace the cover and screw the screws back in.

FROM MODEL NICR 750 ONLY: Your appliance is equipped with moveable rear rollers (see image 1/S). 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
FILL-UP PIPE-SYSTEM	→ Fill or rinse out water hoses (inside)	→ Turn hot water control knob(fig. 1/Q and 7) to the right to open valve
	→ Fresh water filter in use may be faulty	→ remove or change the filter cartridge
FILL WATER	→ Water reservoir (fig. 2) is empty	→ Add fresh water
	→ Water reservoir (fig. 2) is absent or incorrectly positioned	→ Correctly position water reservoir
FILL UP BEANS	→ Not enough coffee beans	→ Add beans to the container (fig. 3)
	→ Coffee beans do not fall into grinder (stuck)	→ Stir beans, e.g. with a spoon, to loosen
	→ Note: The message “FILL UP BEANS” only disappears when coffee has been brewed after refilling!	
EMPTY TRAYS	→ Drip tray (fig. 1/Z) and / or used coffee tray (fig. 1/U) are full	→ Empty drip and / or used coffee tray
	→ Contacts on back of drip tray are not clean	→ Clean contacts



... 6. System messages

Message	→ Meaning	→ What to do
TRAYS MISSING	<ul style="list-style-type: none">→ Drip tray (fig. 1/Z) and used coffee tray (fig. 1/U) are absent or not correctly positioned→ Contacts on back of drip tray are not clean	<ul style="list-style-type: none">→ Position water and used coffee trays correctly→ Clean contacts
SYSTEM IS TOO HOT	→ Machine is overheating	→ Cool machine by drawing hot water (see 3.6)
PLEASE CLEAN	→ Cleaning is needed	→ Clean machine (see 5.3)
PLEASE DESCALE	→ Descaling is needed	→ Descale the machine (see 5.4)
CHANGE FILTER	→ Filter is no longer efficient	→ Replace filter (see 5.2)
BREWING UNIT REMOVED	→ Brewing unit is incorrectly positioned/inserted	→ Check and insert/lock brewing unit correctly
DESCALER IN TANK	→ Descaling program is running	→ Add descaler (see 5.4)



7. Troubleshooting

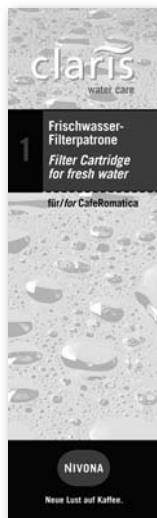
Fault	→ Meaning	→ What to do
No hot water / steam comes out of jet	<ul style="list-style-type: none">→ Jet (fig. 1/T) is blocked→ The system may have a build-up of limescale	<ul style="list-style-type: none">→ Clean jet thoroughly→ Please use a large dose of descaler (see 5.4)
Too little milk foam or foam too liquid	<ul style="list-style-type: none">→ Unsuitable milk→ Jet is blocked→ The system may have a build-up of limescale→ Air inlet valve incomplete (see fig. 11b)	<ul style="list-style-type: none">→ Use cold milk→ Take jet apart and clean (see fig. 11)→ Please use a large dose of descaler (see 5.4)→ Contact service
Coffee only comes out in drips	<ul style="list-style-type: none">→ Grinder setting is too fine→ Pre-ground coffee is too fine→ The system may have a build-up of limescale	<ul style="list-style-type: none">→ Select coarser grinder setting→ Use coarser pre-ground coffee→ Please use a large dose of descaler (see 5.4)
Coffee without 'crema'	<ul style="list-style-type: none">→ Unsuitable coffee type→ Beans no longer fresh→ Grinder settings not adjusted to coffee beans	<ul style="list-style-type: none">→ Change coffee type→ Use fresh beans→ Optimise grinder settings
Grinder makes loud noise	<ul style="list-style-type: none">→ Other substances in grinder, e.g. little stones	<ul style="list-style-type: none">→ Call service hotline, meanwhile preground coffee can be used



8. Further instructions

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.



... 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.
- Turn steam / hot water valve control knob to the right (fig. 1/Q and 7).
- When no more steam comes out, turn steam / hot water valve control knob to the left (fig. 1/Q and 7).
- 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.

