

 **Sprada** 
THE FUTURE

THE ADVANTAGE OF SWISS PRECISION



FUTURE
TS⁴

OPERATING INSTRUCTIONS

COFFEE
OUR PASSION | YOUR LIFESTYLE

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Dear Customer,

Congratulations on purchasing a high-quality SPRADA coffee machine. To get the most out of your SPRADA machine, please read this manual carefully before use.

Please start by reading the safety notes. Keep this manual in a safe place as a reference guide or to give to any other users of your machine.

The SPRADA team is here to support you as we are dedicated to your enjoyment of great coffee from this high-quality SPRADA product.

Retailer:

Date & Place of Purchase:



DISPLAY SYMBOLS



S1 Water tank



S7 Descaling required



S2 Drip tray



S8 Automatic switch-off



S3 Coffee strength



S9 Temperature



S4 Coffee powder chute (open)



S10 Rinsing



S5 Two cups



S11 Cleaning required



S6 Filter



S12 Steam valve

— — — **S13** Indicator bar

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1. SAFETY INSTRUCTIONS

- This machine is only intended for domestic use. It is not designed for commercial use (see warranty conditions). Warranty will be compromised when the machine has been used in any way other than intended.
- Mains supply voltage must comply with the recommended machine operating voltage. Please refer to the identification plate/sticker attached to the machine (Fig 1/O).
- Do not attempt to use the machine if the power cord or machine housing show any signs of damage. Do not allow the power cord to come into contact with hot surfaces.
- Carefully follow cleaning and descaling instructions! Warranty will be compromised when operating and safety instructions have been ignored.
- Prior to manual cleaning and maintenance, ensure that the machine has been switched off and disconnected from the mains supply.
- Prior to operating, make sure the machine is placed on a firm, level surface. Never attempt to use the machine outdoors.
- Never place the machine on a hot surface or in the vicinity of an open flame.
- Keep out of reach of children and ensure that they do not play with the appliance.
- When leaving the machine unattended for periods of several days or longer, disconnect it from the mains supply.
- Do not leave the machine switched on unnecessarily.
- Never immerse the machine in water.
- Do not attempt to clean the machine or any of its components in a dishwasher. Warranty will be compromised when operating and safety instructions have been ignored.
- Unplug the machine immediately if any malfunction is detected (never attempt to unplug the machine by pulling on the power cord or on the machine itself).
- No liability will be accepted for any damage resulting from incorrect operation, improper use or repairs carried out by unqualified persons. Warranty will be compromised in any of the above cases.

1. SAFETY INSTRUCTIONS

- Do not use the internal coffee grinder to grind any foods other than roasted, untreated coffee beans. Check for the presence of foreign bodies when filling the bean container. No warranty claim will be accepted for damage caused to the machine under such circumstances.
- This machine must not be used by children, persons known to be suffering from any mental, physical, sensory disability, or persons not possessing sufficient knowledge or experience, unless such persons have been instructed in its use and have successfully operated the machine under supervision.
- Where repair work is necessary (including power cord replacement), please contact the retailer from whom you purchased the machine for repair or send the machine to a SPRADA customer service centre.
- The power cord of this machine must be replaced if damaged. To avoid risk to persons and property, power cord replacement must only be carried out by the manufacturer, the manufacturer's customer services or by a similarly qualified specialist.



WARNING! Repairs to electrical machinery must ONLY be carried out by suitably qualified specialists. Repairs carried out by non-qualified persons can result in danger to the user. No liability can be accepted for any damage caused by incorrect or improper usage.



WARNING! Use of the on/off switch (Fig 1/I) during the brewing process can result in damage to the machine. Only switch the machine off after it has fully completed its operation cycle.



WARNING! Danger of scalding! Hot water and steam can splash from the spout of this machine. Do not attempt to touch the adjustable spout (Fig 1/F) until the machine has cooled down.

CE - This machine complies with all current EU guidelines.

2. GETTING STARTED

(Please read carefully before using the machine to prepare coffee for the first time.)

2.1 Preparation

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

Your package should contain the following:

- User manual
- Measuring spoon with assembly tool for filter
- 1 test strip for water hardness
- Milk container



Note: In the event that your machine needs to be returned, dispatch the machine using the full original packaging. Please keep all packaging and protective foam for this purpose.

- Place the machine on a suitable, level and dry working surface.
- Connect the machine to the mains supply by plugging into a properly installed mains socket.
- Your machine is fitted with a power cord compartment. If your machine is located close to the power socket, push any unwanted cord back into the power cord compartment (Fig 1/R).

2.2 Controls

Before you set the basic settings and brew your first coffee, please make yourself familiar with the main controls of your appliance.

- **On/off switch** (Fig.1/I): Press once to switch the machine on, press again to turn it off.
- **Strength/volume selector** (Fig. 1/B): By repeatedly pressing the bean symbol, the strength changes from mild (one bean on display), to normal (two beans), to strong (three beans); then restarts again with mild. By turning clockwise, the volume per cup is increased. By turning anti-clockwise it is reduced.
- **Steam/hot water control** (Fig. 1/C): Place a cup under the steam/hot water spout/frothing device (Fig. 1/K). Turning the knob all the way clockwise, opens the valve for steam or hot water, according to selection. Turning it anti-clockwise closes the valve.
- **One cup/two cup coffee button** (Fig. 1/D): Before pressing the button, place one or two cups under the height-adjustable spout (figures 7 and 8). Pressing once dispenses one cup, pressing twice in quick succession dispenses two cups.
- **Steam/rinsing button** (Fig. 1/E): When the symbol S10 **S** illuminates on the display (Fig. 1/A), press the button to start the rinsing process. If the symbol S10 **S** does not show, press to start the steam heating process. Holding the button for more

2. GETTING STARTED

than three seconds, enters the menu for the basic settings. Press the button again for more than 3 seconds to leave the menu.

- **Height-adjustable spout** (Fig. 1/F): Pushing up or down accomodates the height of different cups or glasses.

2.3 Filling the water container and bean container

- Open the cover on the left (Fig. 1/G) and remove the water tank (Fig. 3). Clean it with clear, cold tap water.
- Refill the water tank to maximum and insert it back into the appliance. Make sure the tank is safely locked in place.



Attention: Only use clear, cold water in the water tank. Never use sparkling water or any other liquids. Non-compliance will compromise warranty claims.

- Open the bean container cover on the right (Fig. 1/S). Fill with untreated, roasted coffee beans only (Fig. 4) and close again.



Attention: Never use beans that have been treated during or after roasting with supplements such as sugar. This may cause damage to the grinder. Resulting repairs are not covered by the warranty.

2.4 Switching the machine on and filling the system



Tip: For production reasons, the internal pipes may be empty when setting up the machine for the first time. The machine will show this as follows: the symbol S12  will display when the mains is connected and the ON/OFF switch (Fig. 1/I) has been pushed.

- Connect the mains plug to a professionally installed socket.
- Switch the machine on with the on/off switch (Fig. 1/I). Five flashing bars appear on display.

After a short while the symbol S12  will be displayed.

- Place a sufficiently large bowl (minimum contents 0.5 litres) under the steam/hot water spout/frothing device (Fig. 1/K) and turn the steam/hot water control (Fig. 1/C) fully clockwise until water is dispensed.

The system is now filled with water and cleaned through the steam/hot water spout/frothing device. This process will finish automatically.

- Turn the steam/hot water control (Fig. 1/C) anti-clockwise all the way until closed. The symbol S10 **S** will now appear on the display.

- Press steam/rinsing button (Fig. 1/E).
Your machine is now ready for use.

2.5 Using the machine with a filter

The machine can operate with or without a filter.

By using a filter, the machine needs to be descaled less often because the filter softens the water. The factory setting is “no filter”.

- Empty the water tank (Fig. 3) and carefully screw the filter into the receptacle in the water tank, using the integrated tool at the end of the measuring spoon (Fig. 5).



WARNING! Do not bend or over-tighten the filter.

- Fill the tank with fresh water and insert into the appliance.
- Press steam/rinsing button (Fig. 1/E) for more than three seconds to go to main menu.

Symbol S7  appears and one to four bars light up at the bottom of the display indicating the water hardness level setting.

- Press the coffee cup button (Fig. 1/D) until symbol S6  appears, so that the machine recognises that the filter has been installed.
- Press steam/rinsing button (Fig. 1/E) to confirm your choice.

Symbol S6  flashes on the display and symbol S12  is shown.

- Place a sufficiently large bowl (minimum contents 0.5 litres) under the steam/hot water spout/frothing device (Fig. 1/K) and turn the steam/hot water control (Fig. 1/C) fully clockwise.
- The system is flushed. Symbol S6  flashes on the display.
- Wait until water has stopped dispensing from the steam/hot water spout/frothing device.

The display shows symbol S12 .

- Turn the steam/hot water control (Fig. 1/C) fully anti-clockwise. Depending on the presets, one, two or three beans are shown on the display. The machine is now ready for use.



Tip: If you are using a filter, the internal water softening is automatically set to water hardness level 1. The machine needs descaling less frequently – but always descale when instructed to do so and always with the FILTER REMOVED.

The filter will be exhausted after approximately 50 litres of water has been drawn (see chapter 4.1. How to change the filter).



Attention: Even if the display does not indicate “Change filter“ by highlighting the symbol , the filter needs changing after a maximum of two months if the machine is not used regularly (see point 4).

2.6 Using the machine without a filter, adjusting water hardness

Depending on the water hardness in the area, the machine needs to be descaled every now and again. For the system to be able to indicate that this is necessary, set the correct water hardness **prior to first use**.

First test the water quality with the enclosed test strip.

- Dip the test strip into the water and shake it lightly.
- After about one minute read the result by counting the red dots on the test strip.
- The different levels are listed as follows and can be adjusted:
Test strip/Degree of hardness = Bars on the display
 - 1 red dot/1–7° = LEVEL 1 = 1 red bar
 - 2 red dots/8–14° = LEVEL 2 = 2 red bars
 - 3 red dots/15–21° = LEVEL 3 = 3 red bars
 - 4 red dots/>21° = LEVEL 4 = 4 red bars



Tip: If the test strip does not show any red dots, set at level 1.

- Press steam/rinsing button (Fig. 1/E) for more than three seconds to go to main menu.
- Symbol S7  and up to three bars light up at the bottom of the display.
- By pressing the coffee cup button (Fig. 1/D) repeatedly, the number of bars at the bottom of the display increases one bar at a time. Set the level for your water hardness by observing the number of bars.
 - Press steam/rinsing button (Fig. 1/E) to confirm your choice. Symbol S13  flashes on the display and symbol S7  is on.
 - Press steam/rinsing button (Fig. 1/E) for more than three seconds to leave the main menu.

Depending on the presets, one, two or three beans are shown on the display. The machine is now ready for use.



Attention: Should you want to use the machine without a filter, the water hardness must be set. This is important because depending on the water hardness the machine needs to be descaled more often. (The factory setting is “use without filter; level 3 water hardness”).

2.7 Setting automatic switch-off time

This function determines the automatic switch-off time after the last use. The factory setting is “after 5 minutes”.

- Press the steam/rinsing button (Fig. 1/E) for more than three seconds to go to main menu. Release button.
- Press steam/rinsing button (Fig. 1/E) repeatedly until symbol S8  appears.
- To change the switch-off time, press the coffee cup button (Fig.1/D) repeatedly.

Increase the number of bars at the bottom of the display, one bar at a time according to personal preference:

- 1 bar = automatic switch-off time after 5 minutes
- 2 bars = automatic switch-off time after 30 minutes
- 3 bars = automatic switch-off time after 70 minutes

After three bars the display starts again with one bar.

- Press the steam/rinsing button (Fig. 1/E) to confirm your choice. The bars will light up briefly.
- Press the steam/rinsing button (Fig. 1/E) for more than three seconds to leave the main menu.

Depending on the presets, one, two or three beans are shown on the display. The machine is now ready for use.

2.8 Adjusting the temperature

Adjust the temperature as required to “normal”, “high”, or “maximum”. The factory setting is “high”.

- Press the steam/rinsing button (Fig. 1/E) for more than 3 seconds to go to main menu. Release button.
- Press the steam/rinsing button (Fig. 1/E) repeatedly until symbol S9  appears.
- To change the temperature, press the coffee cup button (Fig.1/F) repeatedly.

Increase the number of bars at the bottom of the display one bar at a time.

- Set the level for your preferred temperature in accordance with the number of red bars.
 - 1 bar = temperature “normal“,
 - 2 bars = temperature “high“,
 - 3 bars = temperature “maximum“.

After three bars the display starts again with one bar.

- Press the steam/rinsing button (Fig. 1/E) to confirm your choice. The bars will light up briefly.
- Press the steam/rinsing button (Fig. 1/E) for more than three seconds to leave the main menu.

Depending on the presets, one, two or three beans are shown on the display. The machine is now ready for use.

2.9 Setting the automatic-off rinsing process

For additional hygiene, activate the automatic-off rinsing process after the machine has been switched off.

The factory setting is “off”.

- Press the steam/rinsing button (Fig. 1/E) for more than three seconds to go to main menu.

2. GETTING STARTED

- Press the steam/rinsing button (Fig. 1/E) repeatedly until symbol S10 **S** appears.
 - To change the setting, press the coffee cup button (Fig.1/D) repeatedly to increase the number of bars at the bottom of the display one bar at a time.
 - Set the rinsing according to the number of red bars:
 - 1 bar = automatic-off rinsing “off”
 - 2 bars = automatic-off rinsing “on”
- After two bars the display starts again with one bar.
- Press the steam/rinsing button (Fig. 1/E) to confirm your choice. The bars will light up briefly.
 - Press the steam/rinsing button (Fig. 1/E) for more than three seconds to leave the main menu.

Depending on the presets, one, two or three beans are shown on the display. The machine is now ready for use.

2.10 Adjusting the coarseness of the grinding



Attention: Only adjust the grinding coarseness while the grinder is running.

Adjust the grinder according to the particular blend of bean. We suggest the grinder is kept on a medium setting.

To change the coarseness of the grinding, follow these steps:

- Open the service door on the right of the casing (Fig. 1/L). The grinding coarseness control is at the top right (Fig. 10).
- Place a cup under the coffee spout.
- Press the coffee cup button (Fig. 1/D).
- **While the grinder is grinding**, change the coarseness of the grinding by moving the control (Fig. 10).

The smaller the dot, the finer the coffee grind. Please note:

- A light roast needs finer grinding (turn the control further to the left).
- A dark roast requires coarser grinding (turn the control further to the right).

Try different settings to find the best setting for your taste.

- Close the service door gently. Carefully place the pivots at the back of the service door into the notches. Make sure that the door snaps completely back into place.

2.11 Reset to factory settings

To reset to factory settings:

- Switch the machine on.
- Press the steam/rinsing button (Fig. 1/E) and coffee button (Fig. 1/D) simultaneously for more than three seconds.
- All red bars will light up briefly.

The machine has now been reset to factory settings.

3. MAKING COFFEE

- i** **Tip:** The machine is set so that you can brew your first coffee immediately. However, we recommend you make the necessary adjustments according to your personal preferences - check point 2 “Getting started” first and follow the instructions.
- i** **Tip:** When you use the machine for the first time or if it hasn't been used for a prolonged period of time, the first cup will not have the full strength/aroma and should therefore be discarded.

3.1 Switching on the machine

Once you have completed the instructions (section 2), the procedure for switching the machine on is always the same:

→ Switch on using the on/off switch (Fig. 1/I).

The display shows five flashing red bars. When the system has reached operating temperature, the display will show symbol S10 **S**.

→ Press steam/rinsing button (Fig. 1/E).

The system rinses and the machine is now ready for use. Depending on the presets, one, two or three beans are shown on the display.

- i** **Tip:** If you do not use the machine for a prolonged period of time switch it off using the on/off switch (Fig. 1/I) and remove the plug from the power socket.

3.2 Selecting the coffee strength

The coffee strength can be set to three levels according to taste. As soon as the machine is operational, the display will show either its last preset or the factory setting.

MILD - the display features one bean, about seven grams of ground coffee, e.g. for latte or cappuccino;

STANDARD - the display features two beans, about nine grams of ground coffee, e.g. for a long coffee;

STRONG - the display features three beans, about 11 grams of ground coffee, e.g. for espresso or strong coffee.

→ Change the setting by repeatedly pressing the strength/volume selector (Fig. 1/B). The strength changes from mild (one bean in display), to standard (two beans in display), to strong (three beans in display) and back to mild.

3.3 Selecting water volume

By turning the strength/volume selector (Fig. 1/B), you can smoothly adjust the amount of water dispensed (cup symbol bottom left for minimum quantity of water, full cup symbol bottom right for maximum water).

3.4 Making a cup of coffee

Select the coffee strength (see point 3.2) and the water volume (see point 3.3):

→ Place a cup centrally beneath the spout (Fig. 8).

The spout is adjustable to match the size of the cup.

→ Press the coffee cup button briefly (Fig. 1/D).

The machine will start grinding, pre-brewing and brewing.

The process can be aborted at any time by pressing the coffee button again.



Attention: When making your first coffee, the grinder box is still empty. It is therefore possible that the symbol S3⁰⁰⁰ will flash after the first grinding and the machine will not make any coffee. In this case simply press the coffee button again (Fig. 1/D).



Tip: The water volume can be adjusted while making coffee. Find the best setting according to your personal taste and the size of your cup.

3.5 Making two cups of coffee

Select the coffee strength (see point 3.2) and water volume (see point 3.3),

→ Place two cups beneath the spout (Fig. 7).

The spout is adjustable to match the height of the cups.

→ Press the coffee cup button twice in succession (fig. 1/D).

The display will show symbol S5 .

The machine will now start grinding, pre-brewing and brewing.

The process can be aborted at any time by pressing the coffee cup button (Fig. 1/D) again.

When making two cups, the grinder will automatically grind twice.



Attention: When making your first coffee, the grinder box is still empty. It is therefore possible that the symbol S3⁰⁰⁰ will flash after the first grinding and the machine will not make any coffee. In this case simply press the coffee cup button again (Fig. 1/D).



Tip: If there is not enough water or the beans run out during the two grinding cycles, or the trays need emptying, the respective symbols will show on the display. In that case, the second cup will not be brewed. Follow the instructions on the display and press the coffee button (Fig. 1/D) again for the second cup.

3.6 Using pre-ground coffee

Turn the strength/volume selector (Fig. 1/B) to the water volume required for one cup.

- Open the hinged lid of the coffee powder chute located at the top of the right hand side panel (Fig. 1/M). Symbol S4  is shown.
- Pour in one level measuring spoon of ground coffee and close the lid.

Symbol S4  is flashing.

- Place one or two cups under the coffee spout (figures 7 or 8) and press the coffee button (Fig. 1/D) once or twice respectively. The machine will start pre-brewing and brewing - without grinding.

 **Tip: If you have opened the lid of coffee powder chute accidentally or did not press the coffee button after having poured in the ground coffee, the machine will automatically start rinsing for a minute once the lid is closed. The machine will then be operational again.**

 **Attention: The coffee powder chute is not a storage container. Do not pour in more than one portion of coffee and only use fresh or vacuum-packed pre-ground coffee. Do not use water-soluble instant coffee.**

3.7 Making hot water (e.g. for tea)

- Hold a cup under the steam/hot water spout/frothing device (Fig. 1/K).
- Turn the steam/hot water control (Fig. 1/C) clockwise.
- Fill the cup with the required water and turn the knob back anti-clockwise to position 0.

 **Tip: You can draw hot water for about two minutes, after that the machine will automatically shut down. By turning the steam/hot water control (Fig. 1/C) backwards and forwards, you can restart the process.**

 **Danger: Risk of scalding! Escaping water may spray! The steam/hot water spout/frothing device becomes very hot when used. Let it cool down for a few minutes before touching it. Only touch the rubber parts.**

3.8 Frothing milk and making cappuccino

The special frothing device (Fig. 1/K) can froth milk directly into the cup from a container.

- Immerse the suction hose (Fig. 9) into the milk (in the container or directly into the milk carton).
- Place a cup under the frothing device.
- Press steam/rinsing button (Fig. 1/E).

While heating up, five red bars will flash at the bottom of the display.

As soon as symbol S12  shows, steam can be drawn to froth milk.

- Turn the steam/hot water control fully clockwise.



Attention: A small amount of water will initially precede the milk froth.

- Fill the cup with the required amount of milk froth and turn the steam/hot water control (Fig. 1/C) anti-clockwise to position 0.
- Wait for the last milk drops before placing the cup under the coffee spout.
- Press the steam/rinsing button (Fig. 1/E) once again.

The machine is now back to coffee mode.

- Place the cup with the frothed milk under the coffee spout (Fig. 8) and fill with the required amount of coffee as described in point 3.4.



Tip: You can draw hot steam for about two minutes, after that the machine will automatically shut down. By turning the steam/hot water knob (Fig. 1/C) back and forth, you can re-start the process.



Tip: Dried milk residue on the steam/hot water jet is difficult to remove. Clean immediately after it has cooled off.

- Fill a bowl with clean water and immerse the suction hose in it.
- Place the empty bowl under the frothing device (Fig. 1/K).
- Press the steam/rinsing button (Fig. 1/E).

Whilst heating up, five red bars will flash at the bottom of the display.

As soon as symbol S12  shows, you can draw steam.

- Turn the steam/hot water control (Fig. 1/C) clockwise.



Attention: A small amount of water will initially precede the steam.

- Draw water until only clean water/steam emerges.

- Turn the steam/hot water control (Fig. 1/C) anti-clockwise back to position 0.
- Press the steam/rinsing button (Fig. 1/E) once again.
The machine is now back to coffee mode.



Attention: From time to time (ideally each time the machine will not be used for a while, or at regular intervals), the frothing device needs to be completely dismantled (Fig. 2) and thoroughly cleaned under running water.

4. CLEANING AND MAINTENANCE



Attention: If your machine needs cleaning or maintenance, the display will show the respective symbol. Please always follow these instructions, as in points 4.1 to 4.5 otherwise your warranty could be compromised. Should you wish to maintain or clean your machine without the machine automatically requesting it, please also follow the instructions in points 4.1 to 4.5.

4.1 Changing the filter

The filter will need to be replaced after approximately 50 litres of water has been drawn. The display shows symbol S6 . You can still make coffee, but we recommend that you always change the filter immediately.



Attention: The filter also needs changing after a maximum of two months if the machine is not in regular use. The display will show no status signal. Use the dial (by the month) at the top of the filter to select the date of change.

- Switch the machine on.
- Press the strength/volume selector (Fig. 1/B) for more than three seconds to go to the maintenance menu.

Symbol S6 , S7  or S11  will show up.

- Turn the strength/volume selector (Fig. 1/B) clockwise or anti-clockwise until symbol S6  shows on the display.
- Empty the water tank (Fig. 3) and unscrew the filter, using the integrated tool at the end of the measuring spoon. Discard the filter.
- Set the dial (by the month) at the top of the new filter to either the date when the filter was installed or when the filter needs replacing, whichever you prefer.
- Screw the filter into the receptacle in the water tank, using the integrated tool at the end of the measuring spoon (Fig. 5).
- Fill the tank with fresh water and insert it back in the appliance.
- Place a sufficiently large bowl (minimum contents 0.5 litres) under the steam/hot water spout/frothing device (Fig. 1/K).

4. CLEANING AND MAINTENANCE

- Press the strength/volume selector (Fig. 1/B).
- Symbol S6  flashes and symbol S12  is displayed.
- Turn the steam/hot water control (Fig. 1/C) clockwise all the way. The system is now being flushed.
 - Wait until no more water is dispensed from the jet and turn the control (Fig. 1/C) back anti-clockwise to close. The machine will heat up briefly and is ready for use again.

4.2 System cleaning

If the machine requires cleaning, the display will show symbol S11 .

 **Tip: You can continue making coffee or draw hot water and steam but we recommend to start the cleaning programme as soon as possible. Otherwise the function might be impaired and your warranty could be compromised.**

 **Attention: Do not disrupt the cleaning process. Follow the instructions exactly in the stated order. Insert a cleaning tablet only when the machine asks for it.**

 **Tip: During the cleaning process the red bars at the bottom of the display will show the progress. The more bars that are visible, the further the programme has advanced.**

- Switch the machine on.
- Press the strength/volume selector (Fig. 1/B) for more than three seconds to go to the maintenance menu.

Symbol S6 , S7  or S11  will be displayed.

- Turn the strength/volume selector (Fig. 1/B) clockwise or anti-clockwise until symbol S11  shows on the display.
- Start the cleaning process by briefly pressing the strength/volume selector (Fig. 1/B).

Symbol S11  flashes and symbol S1  and symbol S2  are displayed.

- Remove the water tank (Fig. 3) and fill it to maximum. Reinsert the water tank.
- Remove the drip tray with used coffee grounds container (Figures 1/N and Q) and empty both.
- Reinsert the drip tray and used coffee grounds container.

The machine starts cleaning. When finished, symbol S4  will be displayed.

- Place a sufficiently large bowl (about 0.5 litres) under the coffee spout.
- Open the lid of coffee powder chute (Fig. 1/M).

Symbol S4  flashes to indicate that the cleaning tablet should be inserted.

- Place a cleaning tablet in the coffee powder chute and close the lid.

The cleaning process re-starts. Symbol S11  flashes. The cleaning process is automatic and will run for about 10 minutes. Once the process has finished, symbol S2  is displayed and symbol S11  flashes.

- Remove the drip tray with used coffee grounds container (figures 1/N and Q) and empty both.
- Re-insert the drip tray and used coffee grounds container. The machine briefly heats up. It is ready for use again when the bean symbols are displayed.

Manual cleaning

If required, the cleaning programme can also be started and run as described in point 4.2, without the prompt of symbol S11 .

4.3 Descaling

If the machine requires descaling, symbol S7  appears on the display.

 **Tip: You can continue making coffee or drawing hot water and steam but we recommend that you start the descaling programme as soon as possible. Otherwise the function might be impaired and your warranty could be compromised.**

 **Attention: Do not disrupt the descaling programme. Follow the instructions exactly in the stated order. Never use vinegar or vinegar-based agents, only standard liquid products specially recommended for automatic coffee machines.**

 **Attention: Before starting the descaling programme remove the filter from the water tank.**

 **Tip: During the descaling programme, the progress is displayed by the red bars at the bottom of the display. The more bars that are shown, the further the progress.**

- Switch the machine on.
- Press the strength/volume selector (Fig. 1/B) for more than three seconds to go to the maintenance menu.

Symbol S6 , S7  or S11  will be displayed.

- Turn the strength/volume selector (Fig.1/B) clockwise or anti-clockwise until symbol S7  is on.
- Start the descaling programme by briefly pressing the strength/volume selector (Fig. 1/B).

4. CLEANING AND MAINTENANCE

Symbol S7  flashes, symbol S2  is displayed.

- Remove the drip tray with the used coffee grounds container (figures 1/N and Q) and empty both.
- Re-insert the drip tray and the used coffee grounds container.
- Symbol S1  is displayed, while symbol S7  continues to flash. Remove the water tank (Fig. 3).
- Remove the filter if one is fitted (Fig. 5).

Fill the water tank to the 0.5 litre mark with fresh water.

- Re-insert the water tank.

Symbol S12  is displayed.

- Only then add descaling agent to water (never vice versa! Please follow the manufacturer's instructions for use of the descaler).
- Place a sufficiently large bowl (about 0.5 litres) under the steam/hot water spout/frothing device.
- Turn the steam/hot water control (Fig. 1/C) clockwise.

The descaling programme starts. Symbol S7  flashes. The descaling process is automatic and will run for about 10 minutes. As soon as the first part of the programme has finished, symbol S12  is displayed and symbol S7  flashes.

- Turn the steam/hot water control (Fig. 1/C) anti-clockwise.

The descaling programme starts again and the descaler runs into the drip tray. Symbol S7  flashes. The descaling process is automatic and will again run for about 10 minutes. Once the process has finished, symbol S2  is displayed and symbol S7  flashes.

- Remove the drip tray with the used coffee grounds container (figures 1/N and Q). Empty and clean both.
- Re-insert the drip tray and used coffee grounds container.

Symbol S1  is displayed.

- Remove the water tank and rinse it with fresh water.
- Re-insert the filter if required.
- Fill the water tank with fresh water.
- Re-insert the water tank.

Symbol S12  is displayed.

- Again place a sufficiently large bowl (about 0.5 litres) under the steam/hot water spout/frothing device.
- Turn the steam/hot water control (Fig. 1/C) clockwise.

The rinsing process starts through the steam/hot water spout/frothing device.

- Once the process has finished, symbol S7  flashes and symbol S12  is displayed.
- Turn the steam/hot water control (Fig. 1/C) anti-clockwise.

The internal rinsing programme starts and will take about one minute, followed by a brief rinsing of the coffee spout. The symbol S7  flashes and symbol S2  is displayed.

- Remove the drip tray with the used coffee grounds container (figures 1/N and Q) and empty both.
- Re-insert the drip tray and used coffee grounds container. The machine briefly heats up. It is ready for use again when the bean symbols are displayed.



Attention: Please remove any descaler residue on the casing immediately with a damp cloth.

Manual descaling

If required, the descaling programme can also be started and run as described above without the prompt of symbol S7 .

4.4 Regular cleaning by hand



Tip: Please follow these cleaning instructions as working with foodstuffs demands the highest degree of cleanliness.



Attention: Never immerse the machine in water! Do not use abrasive cleaning agents.

- Empty the drip tray and the used coffee grounds container regularly (figures 1/N and Q). The red floating indicator at the back of the drip tray (Fig. 1/P) shows the level.
- Only use a soft, damp cloth for cleaning the casing inside and outside.
- Empty drip tray and used coffee grounds container (fig. 1/N and Q) when this is indicated on the display (only when the machine is switched on).

Occasionally use a little soapy water for cleaning.

- The water tank should be rinsed daily with clear water and then re-filled daily with fresh, cool water.



Tip: Dried milk residue is difficult to remove. Therefore clean the steam/hot water spout/frothing device and the suction hose regularly.



Attention: From time to time (ideally each time the machine will not be used for a while, or at regular intervals), the steam/hot water spout needs to be completely dismantled and thoroughly cleaned under running water (Fig.2). We recommend the SPRADA milk cleaning powder.

4.5 Cleaning the brew unit



Attention: Remove the brew unit only when the machine is switched off.

The brew unit can be removed and cleaned under cold, running water. Never use any cleaning agent, but clear, cold water. For hygienic reasons, we recommend the removal and cleaning of the unit thoroughly after each run of the cleaning programme (see point 4.2).

- Open and remove the service door on the right of the casing (Fig. 1/L).
- Remove the brew unit by pressing in the red button and turning the handle all the way to the left until it snaps into place (Fig. 11).
- Carefully remove the brew unit using the handle.
- Clean the brewing unit under cold running water and let it dry.
- Re-insert the brewing unit carefully and lock by pressing in the red button and turning the handle all the way to the right until it snaps into place.
- Close the service door. Carefully place the pivots at the back of the door into the notches. Make sure that the door (Fig. 1/L) completely snaps back into place.

5. SYSTEM MESSAGES

MESSAGE	MEANING	ACTION
S3  flashes	No beans	→ Add beans, restart coffee making
S12 	Refill water pipe system	→ Turn steam/hot water control clockwise
	Possible water system blockage	→ Clean or service
	Filter possibly defective	→ Remove or replace filter
S1  displayed	Water tank is empty	→ Fill water tank
	Water tank is missing or inserted incorrectly	→ Re-insert water tank
S2  displayed	Drip tray and/or used coffee grounds container full	→ Empty drip tray or used coffee grounds container
S2  flashes	Drip tray with used coffee grounds container missing or fitted incorrectly	→ Re-insert drip tray with used coffee grounds container
S11  displayed	System cleaning required	→ Clean system (see point 4.2)
S7  displayed	System descaling necessary	→ Descale system (see point 4.3)
S6  displayed	Filter exhausted	→ Change Filter (see point 4.1)
S13 bar 1 and bar 5 flash alternately	Brew unit fitted incorrectly	→ Fit brew unit correctly and snap into place (see chapter 4.5)

6. TROUBLESHOOTING

6. TROUBLESHOOTING

FAULT	MEANING	WHAT TO DO
No hot water or steam	Blocked steam/hot water spout/ frothing device (Fig.1/K)	→ Dismantle and thoroughly clean steam/hot water spout/frothing device (Fig.2)
	System may be calcified	→ Run a high dosage of descaler (see point 4.3)
Not enough milk froth or liquid froth	Unsuitable milk	→ Use cold milk
	Blocked steam/hot water spout/ frothing device	→ Dismantle and thoroughly clean steam/hot water spout/frothing device (Fig.2)
Coffee only drips	System may be calcified	→ Run a high dosage of descaler (see point 4.3)
	Coffee is too finely ground	→ Set the grinder to a coarser setting
	Coffee powder too fine	→ Change to coarser coffee powder
No “crema” on the coffee	Unsuitable coffee beans	→ Change coffee beans
	Beans may be too old	→ Change to fresh beans
	Grinding coarseness not adjusted to suit the beans	→ Optimise grinding coarseness
Strong noise from coffee grinder	Foreign matter in grinder e.g. small stones	→ Call service centre, ground coffee can still be made

In the event of not being able to correct a fault or malfunction, or not being able to clear a fault message, call a SPRADA customer service centre.

If the system detects any errors, the display will show an error report:

- flashing bars or
- lit bars



Attention: Please make a note of the flashing or lit bars. Switch the machine off and pull the mains plug. Contact the service centre with information regarding the machine type, serial number (see label, Fig.1/O) and error number.

Our customer service centre will then advise you on how to proceed.

7. COFFEE AND ACCESSORIES

You can purchase accessories from any well-stocked specialist retailer or contact SPRADA directly.

SPRADA Coffee Beans

100% Arabica coffee beans, specially developed for the SPRADA range of fully automatic coffee machines.

SPRADA Water Filter:

The SPRADA Filter Cartridge contains purely organic material without chemical additives. If changed regularly, you will not need to descale your SPRADA machine as often.

SPRADA Cleaning Tablets:

Your fully automatic coffee machine provides an integrated cleaning programme. Cleaning Tablets are specifically designed for this purpose and completely remove stains, coffee residue and enhances taste.

SPRADA Descaling Tablets/Liquid:

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

SPRADA Milk Cleaning Powder:

SPRADA Milk Cleaning Powder easily cleans all milk frothers of milk residue.

Milk Thermos:

This double-walled stainless steel cooler is designed to help keep milk at the optimum temperature for frothing.



8. CUSTOMER SERVICE

SPRADA products are designed to meet the highest quality standards. If you have any questions as to the operation of your machine, please consult your retailer or contact the SPRADA customer service centres. Please visit our website, www.sprada.ch for additional information on this product.

Please keep the original packaging. It will serve as protection should you need to ship the machine for service. The manufacturer will assume no liabilities for damage in transit.

Please dispose of filters with domestic waste.

9. WARRANTY

Your SPRADA machine is a precision machine manufactured to the highest European standards and is guaranteed against manufacturing defect for a period of one year from the date of purchase or until it has made 7 500 cups (whichever comes first). The machine is not guaranteed against damage caused by normal wear and tear, neglect or misuse arising from operation not in accordance with that described in this manual or lack of routine cleaning as specified. Furthermore it is not guaranteed against damage caused by power fluctuations, surges or lightning strikes.

To ensure that your guarantee is valid, **please retain your proof of purchase.**

Should you wish to claim under warranty, please return the machine in its original packaging and power plug together with a detailed description of the fault to a SPRADA service centre. Upon receipt, technicians will inspect the machine and deliver a full report on the probable cause of the defect. Should this be attributed to a manufacturing fault, the machine will be repaired at no charge. Should the fault have been caused by circumstances not covered by the guarantee, a quotation will be submitted for the repair. Courier fees will be for the account of the purchaser.

10. TECHNICAL DATA

Mains voltage: 220 - 240 V

Power requirement: 1455 W

Brewing pressure: 15 BAR

SPRADA is a registered trademark of
FOGHOUND INTERACTIVE CC
24 Richards Drive, Halfway House, Midrand, 1685
+27(0)11 541 0000 / +27(0)87 943 7177
www.sprada.ch



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FOGHOUND INTERACTIVE
24 Richards Drive Midrand South Africa
Tel #: +27 (0)11 541 0000 | +27 (0)87 943 7177