



smartCaro

Mod./Type

PCS 550

User's Manual



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Information-Symbol-Definition



This symbol on the product type plate, or its packaging indicates that this product must not be treated as normal household waste. It must be taken to a recycling collection point for electrical and electronic goods.

By properly disposing of this product, you are helping to protect the environment and public health.

Improper disposal endangers the environment and public health. For more information on how to recycle this product, please contact your local authority, waste disposal centre or the shop where you purchase the product.

These information symbols mean the following:



This symbol is a safety instruction.

This is found in particular in all descriptions of operations which may be hazardous to persons.

Please take note of these safety instructions and behave accordingly.



This symbol is a warning

This is found in descriptions of operations, which require particular care to prevent damaging the devices. Please also ensure these safety instructions are made available to all device users.



This symbol refers to practical tips

and highlights proper procedure and behaviour. Most problems can be avoided by complying with the symbol's instructions.



This symbol refers to a possible burning hazard.

Do not touch surfaces where you see this symbol until they have cooled down.



1. Safety instructions

- Before connecting the device to the power supply, check that the voltage (V) on the type plate matches the mains supply.
- The plug connecting the device to the mains supply must be easy to access in order to be able to remove the plug quickly in an emergency.
- Otherwise, an intermediate switch must be fitted to the connection cable in an easily accessible location.
- Children must not be allowed to service or clean the device.
- Small children must not be allowed to use the device.
- Children may only use the device under adult supervision and monitoring.
- Older children (aged between 8 and 14) may only use the device after prior adult instruction and monitoring.
- Disabled persons, persons with physical, sensory or reduced mental capacities (e.g. partial disability, senior persons with a marked reduction in their physical and mental capacities) or a lack of experience and knowledge (e.g. older children)
- May only use the devices under adult supervision or after extensive instruction.
- Severely disabled persons and persons with extensive and complex disabilities may only use the device under continuous monitoring from a non-disabled
- adult
- The device and its accessible components can become very hot during operation.
- Keep children away from switched on devices.
- Ensure that children cannot play with the device.

2. Safety precaution



In the event of non-compliance with warnings, serious injury may result.

- Non-compliance with warning instructions or symbols on the device may result in serious injury and damage to property.
- Non-compliance with the operating instructions may result in injury and could damage the device.
- The device must be switched off if you leave the house for an extended period of time.
- If a full or partially filled device is switched off for an extended period of time, the contents decompose and start to smell.
- Food waste storage function is a function to collect expelled
- If the device cable or plug is damaged, the damaged part must be replaced with a new one before using again. ELECTROCUTION HAZARD
- The device must be disconnected from the main supply before intervening on the device or its parts.
- The device must only be opened or repaired by the authorised Customer Service. Otherwise, any guarantee or warranty may be void.
- The device must be connected to a 110V~240V laid, fixed grounding type plug.
- The plug must be easy to access so that it may be removed in an emergency. Extension cables should not be used.
- Fill the container (**B**) with a maximum of 1 kg of waste and/or up to the maximum volume mark inside the container. Overfilling the container may damage the device.



If the device is switched off manually during a drying process, container and carry handle are very hot. Do not touch these parts until they have cooled down.

- Ensure there are no hard objects (glass, metal, stones) in the container. This may damage the device.
- Never glue the ventilation slots in the container lid (**C**) and on the device.
- Keep the device in a permanent location wherever possible and never move the device when in use.
- Do not place the device near heating appliances.
- Never put inflammable materials, hot water or oil in the container.
- Never open the device container lid when in use.
- Always remove the cable by holding the plug and always with dry hands.
- Never touch the plug if wet or damp.

3. What's inside the box



Caution: Please empty water tray when full



Front View



Back View

PUSH Button

Filter Cover

Steam Vent

**Warning*
Contact with the hot steam release during operation may cause severe burns.

Push Button

Bottom Cover

Drain Hose & Power Cable



Lid



Power Button

Display Lamp

Cleansing Button



Lock/Unlock Slide
Open Button

4. How to use

Please keep all surfaces at least 30cm away from the steam vent at the rear side of the product.

! Install the filter according to these instructions before first use.

1. Open the Filter Cover using the PUSH Button on the rear of the product
2. Remove the packing material then take out the plastic-wrapped filter.
3. Remove the plastic-wrap then place the filter back to its original position.
4. Slide the Filter Cap on top of the filter until it clicks so the filter is tightly fixed. ****Very important****
5. Close the Filter Cover then hook the Steam Cover below the steam vent as shown in the picture below.

Warning Contact with the hot steam released during operation may cause severe burns



! Connecting the power cord.

1. Open the bottom cover using the PUSH Button on the rear of the product.
2. Connect the power cable.
3. Adjust the rubber packing on the cable until it fits with the bottom cover as shown in the picture below.
4. Close the bottom cover by using the PUSH Button.



! How to use the product

1. Plug-in the power cord.
2. Slide up to unlock the Lid.
3. Push the Open Button.
4. Lift up the receptacle and remove the sticker from the bottom before first use.
5. Fill the receptacle with food waste up to the recommended fill line.
6. Match the triangular arrow of the receptacle to that of the product to ensure proper closure of the Lid. (If the Lid does not close after this step, press the Power Button while the Lid is opened, and the receptacle will automatically adjust itself to fit.)
7. After closing the Lid, slide down to lock then press the Power Button to start operation.
8. The product will announce "Food waste disposal complete" when operation is complete. The Cooling Lamp will light up when operation is complete. Cleansing complete" when operation is completed. *If the product is on mute, it will not narrate itself.



Caution

1. When the product is unlocked, the Power Button and the Cleansing Button will not operate.
2. If you add more food waste in the middle of operation, the Power Button must be pressed again to continue operation. (Simply closing and locking the Lid without pressing the Power Button will only put the product into Storage Mode.)

! Changing the filter

1. Open the Filter Cover using the PUSH Button on the rear of the product.
2. Pull out the Filter Cap.
3. Take out the filter using two hands.
4. Remove the plastic wrap of the new filter then place it in the device.
5. Slide the Filter Cap on top of the filter until it clicks so the filter is tightly fixed. ****Very important****
6. Close the Filter Cover then hook the Steam Cover blow the steam vent as shown in the picture below.



! Using the Cleansing function

1. Fill water half way up to the receptacle.
2. Close the Lid, lock the slide, press the Cleansing Button to start the process.
3. Cleansing will continue for 60 minutes. The product will narrate itself "Receptacle cleansing complete" when operation is completed. *If the product is on mute, it will not narrate itself.



Cleansing is recommended once every other week.

Smart CARA's receptacles do not have to be cleaned after every operation since it uses very high heat which will automatically eliminate bacteria. If inappropriate firm object are stuck in the receptacle, the cleansing function will help clean the receptacle more easily.

! About the Storage function

1. Food wastes can be stored in the receptacle. While being stored, the volume will slowly decrease without causing bad odor.
2. Depending on the food type and weather, it can be stored up to 6 days.
3. Storage function will run only if the product is properly connected to power and if the Lid slide is locked.
4. Power Button's lamp will be on lightly to show that the product is on Storage Mode.



What is the power consumption of the product?

Approximately 2.0kwh of power is consumed per 4 liters of food waste.
(Actual consumption may vary depending on the country)

Precaution



Firm bones such as cow/pig bones



Alcohol

- Avoid processing food waste that is mostly composed of carbohydrates and/ or food with a high sugar content. Processing mixed food waste from a variety of sources is recommended.
- Do not open the Lid while the device is operating. The high temperatures achieved during operation may cause severe burns.
- Food waste only : Hard waste such as metal, glass, or firm bone may cause premature breakdown of the product (fish, chicken bones are okay).
- Device is made to be used indoors.

Self-diagnosis function



- Device shall self-diagnose its condition
- Narrates its operating status and the type of errors

Power saving function



Power lamp will light-out automatically 15 seconds after when the power is connected for the first time or when forced shutdown while operating, or cleansing is completed.

Error reset function



Error signal can be reset by holding down the Power button for 5 seconds while the Lid is closed and locked.

Storage function



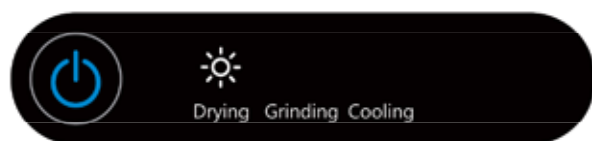
This helps to preserve and naturally dry the food waste without having it to operate so the user can keep adding food wastes until it is filled up to the indicated line in the receptacle. (Maximum of 6 days of storage is recommended)

For Reference

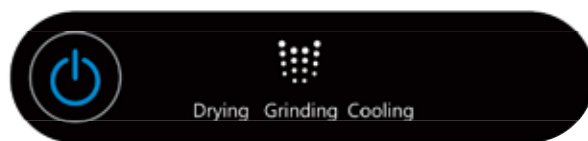
- Make sure the rubber seal where the filter is placed is not missing.
- If the filter can be moved while in position or if the Filter Cover does not close, the filter is not installed properly. Please refer to the filter instructions for proper installation. (Page 05)
 - If the filter is not properly installed, the food waste odor can leak.
- When operated twice a week, filter must be replaced every 3 months.
 - Odors and errors may occur if the filter is overused.
- Must use original filters made by Smart CARA.
- As shown below, the Filter Cap must be installed correctly on top of the filter. If not, the steam may be trapped inside the device and cause a damage.



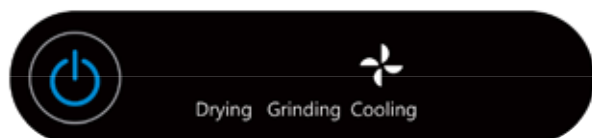
Self-diagnosis



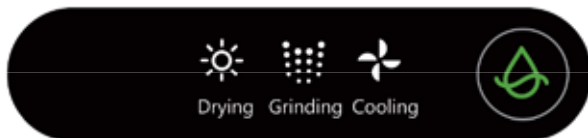
Drying status



Grinding status

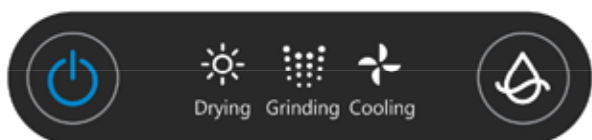


Cooling status



Cleansing status

Error display and troubleshoot



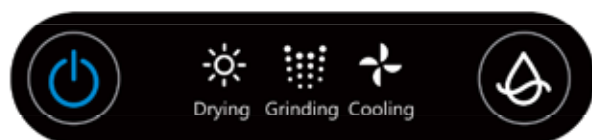
Error 1 Motor overload

1. This error is caused when too much food waste/high carbohydrates/high sugar content was processed.
2. Empty the receptacle, then unplug the power. Replug the power after 10 seconds.



Error 8 Other substances detected

1. This error is caused when firm waste is detected inside the receptacle.
2. Empty the receptacle, then unplug the power. Replug the power after 10 seconds.

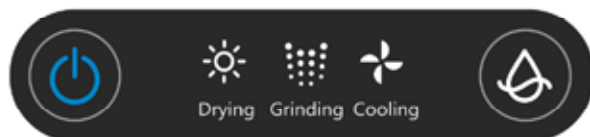


Error 12 Water sensor error

1. This error is caused when too much water has collected at the bottom of the product.
2. Open the bottom cover where the power cord is connected. Place a small tray under the hose then turn the blue knob to empty the collected water. Close the knob and reset the product by unplugging the power cord. After 10 seconds, plug it back in to continue using the product.
3. Refer to Page 9 for more details.

When an error is detected, pressing the Power Button will make the product narrate the applicable error number.

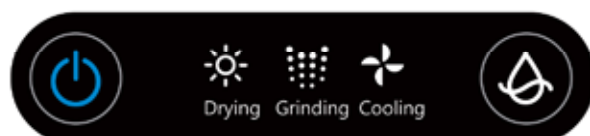
Display and troubleshoot



Error 5 Operation Error

1. This error is caused when the filter is overused or when steam is not ventilating properly.

2. Please replace the filter, then reset the product by unplugging the power cord then plugging it back in after 10 seconds.



Error 2, 3, 4, 6, 7, 9, 10, 11
Operation Error

1. These errors are detected when the product self-diagnoses during operation. Unplug the power cord, then plug it back in after 10 seconds. Try running the product again. If the same error is detected, please contact your retailer's customer service center.

When an error is detected, pressing the Power Button will make the product narrate the applicable error number.

Water sensor error

Follow the instructions below to remove water from the Drain Hose.

1. Disconnect the power cord. (Remove power)
2. Open the Bottom Cover using the PUSH button on the rear of the product.
3. Gently grab the Drain Hose and prepare a small pan on plate the to rear collect of the the water. product.
4. Turn the blue valve to remove collected water.
 - Make sure to close the Drain Hose before putting the Bottom Cover back. Water may leak out when it is not closed properly.
5. Turn the blue valve back to its original position to close the Drain Hose. Close the Bottom Cover by using the PUSH Button . Reconnect the power then try operating it again.



5. FAQ

What is the power consumption of the product?

Approximately 2.0kwh of power is consumed per 4 liters of food waste.
(Actual consumption may vary depending on the country)

Can I mute the audio guide system? I Can I turn on the audio guide system?

Hold on to the Cleansing Button for 10 seconds to turn on/off the audio guide.

Do I have to keep the product connected to power at all times?

To use the Storage function, the product must always be connected to power.
Monthly electrical consumption when connected is approximately 2kw.

How much food waste can be processed every time?

It can process up to 4 liters at a time as indicated on the receptacle.

Can it process chicken bones?

Yes. However, please note that processing chicken bones too often may shorten the lifespan of the receptacle.

How long is the processing time?

It takes as little as 3 hours and up to 7 hours depending on the type and volume of food waste.

Is there a recommended area to place the device?

Please keep all surfaces at least 30cm (12in) away from the steam vent at the rear side of the product . As shown in the image below, attach the Steam Cover so the steam would go upwards and evaporate.



PCS-500D Specification






Product Name	Smartcara Innovation
Model Name	PCS-500D
Processing Method	Dry & Grind
Installation Method	Stand-Alone type
Power	220V/50H
Power Consumption	1.0kw
Operation Capacity	Approx.4 liters
Reduction Rate	Approx.81%
Weight	20kg
Size(mm)	340(W) x 372 (D) x 727 (H)
Manufactured by	Smart Cara.Co, Ltd Made in South Korea

5. FAQ

The content below is to help prevent any injuries and/or damage to the product please read throughly before using the product.

Safety precautions are classified into three symbols: Danger, Warning, and Caution



-  User may get a serious injury from mishandling.
-  User may get a wound from mishandling.
-  User may get a wound or a damage on the product from mishandling.






Please ensure these safety instructions are made available to all product users.

Additional notes






1. Food wastes shall rot and cause bad odor if power is not connected to the product.
2. Recommended capacity line is shown inside the receptacle.
3. An overflow of food waste may cause a breakdown.
4. When one cycle does not completely dry the food waste, please run the product one more time.
5. Steam exiting the back of the product is hot, so please be cautious.
6. If the lid is opened or unlocked, the product will beep every hour.

6. Safety Instructions

Power-related

-  **Electric shock, fire hazard**
Do not use when the power cord is damaged.
-  **Electric shock, fire hazard**
Do not pull out the power cord by force.
-  **Electric shock, fire hazard**
Do not touch the power cord with a wet hand. Use a dry cloth to remove any substances on the cord.
-  **Electric shock, fire hazard**
Inappropriate way of using a multi-tab power strip may cause an electric shock or fire.
-  Please use a grounded outlet and check the power voltage before use.

General Cautions

-  **Fire hazard**
Keep the product away from any type of heating apparatuses
-  **Fire hazard**
Keep the product away from direct sunlight.
-  **Fire hazard**
Do not run the product with any hot water or oil.
-  **Product deformed and broken**
Do not run the product with any living organism, non-food wastes.
-  **Electric shock, fire hazard**
Place the product on a flat surface to prevent the product from falling over.