

'LIFE TASTES GOOD' A GLOBAL COMPANY



- · After you read this manual, keep in the place you can reach easily.
- The color of product may vary.
- · Household use only.









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Read all instructions before use

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed including the following:

- 1. Read all instructions.
- 2. To protect against risk of electrical shock do not put motor or base of unit in water or other liquid.
- 3. Close supervision is necessary when any appliance is used by or near children.
- 4. Unplug from outlet when not in use, before putting on or taking off parts, and before cleaning.
- 5. Avoid contacting moving parts.
- 6. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or is dropped or damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair or electrical or mechanical adjustment.
- 7. The use of attachments not recommended or sold by the manufacturer may cause fire, electric shock or injury.
- 8. Do not use outdoors.
- 9. Do not let cord hang over edge of table or counter.
- 10. Always make sure juicer cover is clamped securely in place before motor is turned on. Do not unfasten clamps while juicer is in operation.
- 11. Be sure to turn switch to OFF position after each use of your juicer. Make sure the motor stops completely before disassembling.
- 12. Do not put your fingers or other objects into the juicer opening while it is in operation. If food becomes lodged in opening, use food pusher or another piece of fruit or vegetable to push it down. When this method is not possible turn the motor off and disassemble juicer to remove the remaining food.
- 13. Do not use the appliance if the rotating sieve is damaged.
- 14. When a separable pulp container is provided, Do not operate without the pulp container in place.
- 15. Please do not alter the appliance in anyway.
- 16. Do not use the appliance for anything other than its intended purpose as described in the manual.
- 17. The appliance should be used for limited period of time.

SAVE THESE INSTRUCTIONS

- · This appliance is for household use only. Please carefully follow the instructions in the manual. (The appliance cannot be covered under the manufacture warranty if the product is abnormally or commercially used.)
- · Save the instruction manual for future reference
- · If the appliance is given away as a gift, please include the manual with the product.

The following precaution is provided to ensure the safety of the user. Please carefully read through the precautions and exercise a degree of care when using the appliance.

Warning: Warns risk of death of severe injuries.

Caution: Warns risk of injuries or appliance damage.

















Do not plug multiple power cords on a single outlet during operation.

→ It may cause and explosion or fire.



Do not touch the power cord with wet hands.

→ It may cause electrical shock.



- Use a dry towel to clean the power cord if it is dirty or wet.
 - →It may cause electrical shock or file



Do not drop the appliance nor inflict strong force to the appliance.

→It may damage or break the appliance.



Do not unplug by pulling off the power cord cable.

→It may damage the power cord and cause electrical shock.



Do not put your finger or other objects into the feeding tube while it is in operation.

→If may cause injury.



Do not put the parts in the dishwasher or extremely hot water.

→The parts may wear faster.



Do not repair, disassemble the base, or customize the appliance.

→ The appliance may not operate properly causing fire, electrical shock, or injury.



Do not use the appliance on an uneven surface.

→It may cause a malfunction if the appliance tips over.



Keep away from children and store the appliance in a safe place.

→If may cause injury.



Please do not store or operate the appliance nearby heating appliance.

→ The appliance may become discolored or deformed.



Do not use any hazardous chemicals to clean the appliance or spray flammable sprays near the appliance.

→It may change the color of the appliance or could result in a fire.



To protect the power cord, please do not aggressively bend or put heavy object on top of the power cord.

→It may cause short circuit or even fire.



Operating the juicer without ingredients can cause damage to the screw. \\

*The products illustrated/photographed in this booklet may vary slightly from the actual product.















STEP 1

Top-set Assembly

Align the red dots • on each part and assemble in the order shown. Once assembled, turn the drum lid clockwise to close.

STEP 2

Top-set and base assembly

STEP 1 /Top-set assembly

Check before operating

- · Wash the parts before first use.
- Ensure that the compression silicone and silicone ring are assembled properly.
- Firmly insert the compression silicone into the slot below pulp spout.



Note | The Juicer may leak if not assembled properly.

Assemble the strainer into the rotation wiper then place this assembly in to the juicing bowl ensuring the red dot on the strainer is aligned with the red dot on the juicing bowl.





Place the juicing screw into the strainer. Turn and press down on it until it clicks into place.



Note The juicing screw needs to be locked in its place in order to close the drum lid.

Place the drum lid on to the juicing bowl aligning the red dot on the drum lid with the red dot on the juicing bowl. Turn clockwise to close aligning the red on on the drum lid with the close mark.





$\begin{center} STEP\ 2\ / Top-set\ and\ base\ assembly \end{center}$

Place the drum lid on the juicing bowl. Align the down arrow ▼on the drum lid with the ▲ OPEN mark on the base and turn to the ▲ CLOSE position.



Open/Close mark on the top-set.





Note The juicer will not operate if not assembled properly.

Place the pulp cup under the pulp spout and place the juice cup under the juice spout as shown in the illustration.



Silicone Ring/Silicone Brush

Silicone parts are able to be washed. Dry the parts after washing.



→ After cleaning, push in the silicone ring with the smaller surface facing down.



→ After cleaning insert into the slot with the tail pointing down as shown in the illustration.

How to Operate

After preparing the ingredients, plug the power cord into a wall outlet.

Note

- Do not touch the power cord with wet hands. (It may cause electrical shock, short-circuit, or fire)
 - · Please check the safety of the wall outlet.



Press the FORWARD button to operate.

Note

- · Forward: Pulls down and slowly masticates the ingredients.
- · Reverse: Pushes back up the ingredients to dislodge.
- ** If the ingredients become jammed in the screw and the drum lid does not open, press the OFF button. Then press and hold the REVERSE button until the ingredients become dislodged. Repeat REVERSE - OFF - FORWARD as needed.



If the juicer stops during operation

Switch the button to OFF position then press and hold the REVERSE button until the ingredients become dislodged. Repeat REVERSE - OFF - FORWARD as needed.



- **REVERSE**: Pushes back up the ingredients to dislodge. (REVERSE button only works while holding down the switch.)
- Switch OFF ensuring that the juicer comes to a complete stop. Then press the REVERSE. (Hold the REVERSE button for 2-3 seconds and release. Repeat as needed)
 (Let the juicer stop completely before using the REVERSE button. If not, it may cause the juicer to malfunction)
- · If the juicer still does not work, disassemble and clean the parts before operating the juicer again.

Insert the prepared ingredients into the feeding tube, one piece at a time.

Note

- · Prepare ingredients for optimal extraction.
- -Tough and fibrous ingredients: Cut to 1/2-1 inches wide and 2 inches long.
- Fibrous leafy vegetables (celery, kale, collard greens, etc.):
- Cut the stems into 2 inches long and bundle up the leafy part as you insert them into the juicer.
- Remove hard seeds or pits in fruits. When juicing frozen fruits, completely thaw before juicing.
- If large quantity of ingredients are put into the feeding tube, it can cause the juicer to stop. Insert the ingredients one piece at a time.

Smart Cap

Use the smart cap to make mixed juice, block juice from dripping, or rinse between different juices.

TIP

- · Juicing with the smart cap closed creates various mixed juice creations with different fruits and vegetables, milk, banana, beans and other ingredients.
- After juicing, close the smart cap to stop juice from dripping, especially when disassembling the juicing bowl off of the base.
- · When making different juices, quickly rinse any left over flavors by running a glass of water in the juicer with the smart cap closed.

Note

- Leave the smart cap open when juicing ingredients that often creates foam during extraction. (e.g. apples, celery)
- · Pay close attention when operating with the smart cap closed. Juice may overflow if the juice collected in the juicing bowl exceeds its capacity.



Note

 If the remaining ingredients in the juicing bowl have not been extracted completely, the drum lid may not open easily. (After each extraction, run the juicer for additional 30 seconds to let the juicer extract the remaining pulp.)

When the drum lid is stuck, press the REVERSE - OFF - FORWARD button in the order, switching back and forth $2\sim3$ times to dislodge. Then place your hands on top of the drum lid and firmly press down as you simultaneously turn the drum lid counter clockwise to open.

** Depending on the ingredients, pour water down the feeding tube to rinse out the interior of the juicing bowl and then try to take off the drum lid.





FORWARD : Pulls down the ingredients /

OFF: Stops the operation /

REVERSE: Pushes back up the ingredients

Tips on Operation

- 1. Operating the juicer without ingredients can cause damage to the screw.
- 2. Do not continuously operate the juicer for more than 30 minutes.

This can damage the motor from overheating.

- · After continuous use, let the juicer rest for 30 minutes to cool down before starting another session.
- 3. During operation, do not put spoon, spatula or other objects into the feeding tube.

 If other object is put into the feeding tube during operation, such materials can get stuck and damage the juicer parts.
- 4. Do not put your finger or other objects into the feeding tube other than the provided pusher.
- 5. Do not put dried whole grains, fruits with hard seeds or ice.

It may damage juicer parts (e.g. juicing bowl, juicing screw, and strainer)

- · Beans or grains can be used if soaked overnight or boiled. Fruits with pits and hard seeds (e.g. nectarines, peaches, mangoes and cherries) must be pitted before juicing.
- When using frozen fruits with small seeds such as grapes, completely thaw before inserting them into the juicer.

Use of ice in the juicer will decrease the product durability over time.

- 6. Do not use ingredients with excessive amount of vegetable oil or animal fat. Do not use the juicer to extract vegetable oil from ingredients. If vegetable/animal oil gets on the juicing screw, it may reduce performance and even damage the part.
- 7. Do not reinsert the extracted pulp into the juicer. This can cause the juicer to stop or cause the drum lid to not open.
- 8. After juicing ingredients with seeds like grapes, thoroughly clean all the crevice on the bottom of the juicing screw.



Experience the best quality juice by understanding each ingredient's characteristics and knowing the optimal way of handling the ingredients.

The Silent Juicer is an innovative product that uses a patented slow speed masticating technology to efficiently extract the juice from ingredients. The juicer is designed to obtain the best result from ingredients with strong composition and with high water content.

For the best result, each ingredients should be prepared and extracted in various ways depending on the characteristics and properties.



Tips on Ingredient Preparation

Note Before Operating!

- · If the juicer is jammed or if the drum lid does not open, press the REVERSE button and hold it until it becomes dislodged. Repeat REVERSE-OFF-FORWARD as needed.
- · Continue operating the juicer until all the ingredients in the juicing bowl is extracted. The drum lid may not open easily if there is a lot of remaining pulp in the juicer.
- \cdot Note that every ingredient yields different amounts of juice.

Juice Yield

For the optimal extraction and maximum juice yield, cut the ingredients following the guides given in this section.

Insert ingredients slowly checking how the ingredients are extracted. (The juice yield may vary depending on the juicing speed)

Adjustment of the amount of pulp in the juice

When continuous juice, it may contain fine pulp a lot depending on ingredient. To reduce fine pulp, do extract after cleaning top-set frequently.

How to Use the Smart Cap

- · Juicing with the smart cap closed allows various mixed juice creations with different fruits and vegetables, milk, banana, beans and other ingredients.
- After juicing, close the smart cap to block access juice from dripping, especially when disassembling the juicing bowl off of the base.
- · When making different juices, quickly rinse any left over flavors by running a glass of water in the juicer with the smart cap closed.
- · Leave the smart cap opened when juicing ingredients that often creates foam during extraction. (E.g. apples, celery)
- Pay close attention when operating with the smart cap closed. Juice may overflow if the juice collected in the juicing bowl exceeds its the capacity.

Enzyme-rich fruits and vegetables | (E.g. Apples)

TIP

It is possible to be occured separated layer/bubble/browning due to activation of enzyme, hence drinking within a short time is highly recommended.





Fruits with seeds must be pitted before extraction. Cut to 8-12 wedges then slowly insert the ingredients down the feeding tube.

Cutting Tip

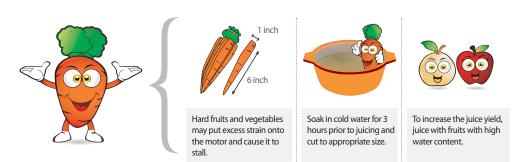
· Cut to 8-12 wedges.

Extraction Tip

- · Slowly insert the ingredients one piece at a time.
- · Use the pusher to push the ingredients down the feeding tube. (It helps with juice spraying out of the feeding tube when extracting ingredients with high water content)
- · Leave the smart cap opened when juicing ingredients that often creates foam during extraction. (Foams from ingredients can accumulate if operated with the smart cap closed)
- · It is recommended to drink the juice within 48 hours after extraction. Depending on the density of the ingredients, the extracted juice can gradually show layers over time.
- · If there are excessive amount of form use mesh strainer to separate foam the juice.

Hard fruits and vegetables (E.g. Carrots & Yacon)

TIP The hard type fruits and vegetables such as carrot slice into thin and then extract slowly.



Cutting Tip

- ·Slice the ingredients 1 inch thick or cut 1 inch wide and 2-6 inches long.
- ·Soak the ingredient like carrots and ginger in cold water for 3 hours prior to juicing.

Extraction Tip

- ·Slowly insert the ingredients one at a time.
- •Pace the juicing speed ensuring each ingredients is thoroughly extracted.
- ·To increase the juice yield, juice with ingredients with high water content.

*The products illustrated/photographed in this booklet may vary slightly from the actual product.

Switch OFF and unplug the power cord from the wall outlet.

Note

- Extract all the remaing pulp in the juicing bowl before stopping the juicer.
- For easier clean up, operate the juicer for additional 30 seconds after juice has been extracted.

When the drum lid is stuck, press the REVERSE - OFF -FORWARD button in the order, switching back and forth 2~3 times to dislodge. Then place your hands on top of the drum lid and firmly press down as you simultaneously turn the drum lid counter clockwise to open.

7 Turn the drum lid counter clockwise to open.



Note

· When moving the appliance, do not lift by grabbing the feeding tube. Always lift the appliance by grabbing the base or handle.

Turn the top-set counter clockwise and lift off the base.



Remove the juicing screw, stainer and rotation wiper unit from the juicing bowl. Clean with provided brush.



Note

- Immediately clean the juicer after each use. If remaining residue in the juicer dries up, it can make disassembling difficult as well as clean-up. The excess build up can cause poor performance in future uses.
- · For easier disassembling, place the top-set in the sink and run the water down from the top of the top-set.
- Thoroughly dry the bottom of the juicing screw where it connects to the metal cylinder shaft on the base.

Place the juicing bowl underneath the running water and unplug the compression silicone to clean the pulp spout.



Soak the juicing bowl in a solution of warm water with baking soda or little bit of bleach to clean the excess build up.

Underneath the running water, clean the out side of the juicing screw with a dish scrub. Use the end tip of the cleaning brush to push out any residue within the crevices on bottom of the juicing screw.



Tip Please thoroughly clean the juicing screw under running water with the cleaning brush.

Completely dry before using ensuring that the juicing screw is clean without any residue.

After juicing ingredients with seeds, make sure to thoroughly clean the bottom crevice of the juicing screw. If this area isn't properly cleaned, this can affect the balance between the juicing screw and the strainer and damage the parts.

Clean the base with soft damp towel and dry.



Note | If the towel is very wet, make sure to squeeze out the access liquid before using it on the juicer.

Rinsing

With the smart cap closed, fill the juicing bowl with water and turn on the juicer.



After a moment, open the Smart Cap and let the water run out of the juicing bowl.



It is not necessary to completely clean the juicer in between making multiple juices. When finished with juicing, disassemble and clean thoroughly.

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How to Clean Silicone Parts

Clean the rotation wiper under running water.

Thoroughly dry after cleaning. Before assembling the top-set, ensure that the compression silicone and silicone ring are firmly inserted.

Note | If the compression silicone and silicone ring are not firmly inserted, juice may leak from the bottom of the juicing bowl.

Clean and assemble the silicone brush





<Silicone Brush>

Pull out the silicone brush from the rotation wiper to clean

After cleaning insert into the slot with the tail pointing down as shown in the illustration.

Clean and assemble the compression silicone





<Compression Silicone>

Unplug to clean

After cleaning, firmly insert into the slot below pulp spout.

Clean and assemble the silicone ring





<Silicone Ring>

Remove the silicone ring from the juicing bowl to clean

After cleaning, push in the silicone ring with the smaller surface facing down.

Clean and assemble the smart cap



<Smart Cap>

Remove from the juice spout to clean

After cleaning, attach the smart cap to the smart cap silicone on the juice

OPTIONAL | How to Use the Cleaning Tool

 ${\rm *The\ products\ illustrated/photographed\ in\ this\ booklet\ may\ vary\ slightly\ from\ the\ actual\ product.}$

The cleaning tool makes clean-up quick and easy. Completely dry after cleaning.

Hold the cleaning tool with one hand and insert the strainer into the cleaning tool.

Note | Insert the strainer until you hear a click.



Under running water, rotate the cleaning tool and the strainer in opposite directions to clean.



Thoroughly rinse the inside and outside of the strainer under running water.



After cleaning, remove the strainer from the cleaning tool. Dry before storing.



■ When there is no power to the juicer.

- · Check if the power cord is properly plugged in.
- · Check if the drum lid and the juicing bowl are properly assembled.
- Check if the top-set and the base are properly assembled.
 If all the parts are not properly assembled, the juicer will not operate.

■ Low juice yield

- · Different ingredients hold different amount of fluid that will yield different amount of juice.
- If the ingredients are not fresh, there will be reduced amount of fluid within the ingredient which will yield less iuice.
- · Check if the compression silicone is firmly inserted.
- If the ingredient itself has low fluid content, it helps to soak it in the water before juicing.
- If the juicing ingredient is small with soft seeds, after juicing few servings can gradually affect the juice yield. For best result, disassemble and wash the top-set in between juicing.
- · If there is seed residue on the bottom of the strainer, this can affect the juicer performance and the overall juice yield.

■ There is too much pulp in the juice.

- When continuous juice, it may contain fine pulp a lot depending on ingredient. To reduce fine pulp, do extract after cleaning top-set frequently.
- Depending on the ingredient, the amount of pulp can vary.
 Use a mesh strainer to collect the unwanted pulp in the juice.
- · If the strainer and the screw is effecting the juicer performance due to damage, it is recommended to replace the parts.
- *The lifetime of each part may vary depending on use and ingredients extracted.
- If the ingredients are inserted too much at a time and caused the juicer to frequently stop, this can lead to pulpy juice. Try inserting the ingredients slowly.

■ The drum lid will not close

 Make sure the juicing screw is pushed all the way in the strainer in order for the drum lid to close properly.
 If the juicing screw is not properly in its position, the drum lid may not close.

Hear odd noise from the juicer

- · Check if the parts are assembled correctly. Try reassembling the parts and check if you still hear the noise.
- · Do not start the juicer without any ingredients or liquid put into the juicer.
- Operating the juicer without ingredients can cause damage to the screw
- If the juicer is operated without any ingredients or liquid, the noise level can increase and could lead to damaging the juicer.
- The friction noise from the juicing screw and the strainer will disappear when ingredients are inserted into the juicer.
- If the noise occurs when ingredients are inserted into the juicer, please check the size of the ingredients. Do not go over 1 inch in thickness when preparing your ingredients.
- Depending on the ingredients, the dimension can decrease.
- The noise can occur if the juicer is operated on a slant surface. Place the juicer on a horizontally flat surface when operating the juicer.

During juicing, the juicer stopped

- · Check the power cord and make sure it is plugged in correctly.
- · Check if all the parts are correctly assembled.
- If you insert too much ingredients at a time, this can cause the juicer to stop.
- When the juicer stops from too much ingredients, press REVERSE - OFF - FORWARD button in the order, switching back and forth 2~3 times.
- The reverse setting will push back up the ingredients, and the forward setting will pull down the ingredients.
- · If the juicer stops due to overload protection, let the juicer rest to cool off for 30 minutes to 2 hours before you start juicing again.
- If there are hard seeds within the ingredients, please remove the hard seeds before juicing. Hard seeds can damage the juicer.

■ The extracted pulp is very moist

- · When juicing just started, the pulp can be moist.
- Depending on the ingredient's condition, the extracted pulp can be affected. Especially when the ingredient is not fresh, the juice can be extracted with the pulp.

■ During operation, the juicing bowl shakes

- · The juicing screw and the strainer is setup so that as it cuts and squeezes the ingredients the juicing screw and the strainer will vibrate.
- · If the ingredient contain strong fiber, the vibration from the top-set can be greater.

I see separation of layers in the juice

Depending on the density of the ingredients, the extracted juice can gradually show layers over time. This is different from oxidation that is caused by juicing with a traditional high speed juicer.

■ The drum lid is not coming off

- · After juicing, let the juicer operate for another 30 seconds to extract the remaining pulp.
- · If there is enough pulp within the top-set, this can cause the drum lid to not open. In this situation, press RE-VERSE - OFF - FORWARD button in the order, switching back and forth 2~3 times.
- Depending on the ingredients, pour water down the feeding tube to rinse out the insides, then try opening the drum lid.

■ There is juice dripping down the body of the base

 If the compression silicone on the bottom of the juicing bowl is not plugged in correctly, the juice can seep out onto the juicer base. Before assembling the parts together, check and make sure the compression silicone is plugged in correctly.

■ Can you juice ingredients with tough fiber?

Ingredients like celery or ginger have long fibers that can wrap around the juicing screw and effect the juicer's performance. When juicing fibrous ingredients, do not collect more than 1lb of juice. After collecting 1lb of juice or less clean up the top-set completely before juicing again.

■ I see discoloration of the plastic parts.

- After juicing, if you do not clean the juicer right away the remaining pulp inside the top-set can dry up which can make disassembling and cleaning hard. This can also effect the juicer's performance.
- Ingredients that are rich in carotenoids such as carrots and spinach can dye plastic parts. When the parts are dyed with carotenoids, rub vegetable oil to the dyed areas and use mild detergent to clean.
- The vegetable oil should only be used during clean up for parts that are dyed with color. Do not use vegetable oil on juicing screw or the strainer. If vegetable oil or oil from animal fat gets on the juicing screw or the strainer, this can effect the juicers performance and could result in damaged parts.
- The silicone pieces on the top-set can be detached so that they can be thoroughly cleaned.

Can the juicer be used for other purpose other than juicing?

- · This juicer is designed to juice ingredients like fruits and vegetables.
- · Do not use the juicer for extracting vegetable oil.
- Do not juice ingredients with high contents of vegetable/ animal oil.
- If vegetable/animal oil gets on the juicing screw or the strainer, this can affect the performance of the juicer and could result in damaged parts.

Specification

Product	Juicer
Model	NS-110CEM, NS-120CEM, NS-150CEM
Voltage	AC220-240V, 50/60Hz
Power Consumption	240W
Maximum Use	Less than 30 min
Weight	6.5kg
Dimension	228 x 208x 414 (mm)
Manufacturer	NUC Electronics Co., Ltd.
Туре	Low speed compression

NUC Electronics Europe GmbH

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