User Manual



IUHAND

Smart kitchen composter

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Welcome to your cleaner, greener home!

Welcome home your IUHAND - your new lean, green, food-recycling machine. This eco-smart technology transforms your leftovers and food scraps into a nutrient-rich soil amendment, reducing food waste and producing a garden-ready supplement, scientifically proven to nourish your garden! But you already know why you bought it. Now, let's learn how to use it!

This guide will familiarise you with your IUHAND, introduce you to it's features and functions, while also showing you how to use and care for your unit.

To ensure that you are using your unit safely and effectively, be sure to read this guide throughly prior to operating your new unit.

HOW TO MAINTAIN

I. Cleaning the Unit's Exterior

- Ensure your IUHAND is unplugged before cleaning.
- Wipe down the unit's exterior with a soft damp cloth.
- With particularly stubborn grime, you can add a small amount of dishsoap to the cloth.
- Do not immerse your unit in water or liquids. This will damage your unit and may cause electric shock.
- Discard excess moisture collected in the drip tray

II. Cleaning the Bucket

- Remove the bucket from the unit.
- Remove all blockages & loose particles from the bucket.
- Wash the bucket thoroughly with warm water, a small amount of dish soap and wipe it with a dish cloth after.
- Allow the bucket to completely air dry before placing it back in the main unit.
- Made from aluminium, the bucket has a non-stick coating and is dishwasher safe.

III. Activated Carbon Filter

- Replace every 1-3 months.
- Effectiveness varies depending on frequency of use and types of organic materials being processed.
- Do not vacuum or wash the activated carbon filter.
- This filter is designed under the base. To refill the filter simply remove and replace.

Items you can and cannot put in this machine

Do`s


Fruit and vegetable peels and scraps


Meat, fish, shrimp and poultry scraps


Cheese


Beans, seeds and pulses


Chicken and fish bones


Coffee grounds, filters and tea bags


Eggs and eggshells

Don`ts


Large bones (beef, pork and lamb)


Cooking oils, grease. cake icing, sauces, syrups, milk, liquids


Sweets, gum. chocolates and sugary items


Hard pits & nuts (peach pits, apricots, etc)


Coffee Pods


Compostable cutlery / plastics


Pineapple leaves


Shells of clams crabs, oysters, lobster and mussels


Coconut husks. watermelon,honey dew melon,cantaluope, durianseeds / peels



Ice cream and yogurt

we recommend you to do the following

Cut Up Prior



Corn cobs & husks



Fibrous herbs (i.e. parsley and coriander)



Fibrous vegetables (i.e.asparagus and celery)



Large fruit seeds and peels



A small amount of paper towe or tissue



Dead plant/flower stems & tougher weeds

In Moderation



Starches (i.e. rice, bread, pasta, noodles, cereals, grains, etc.)



Whole fruits or a high ratio of sugar-rich fruits

LET US REDUCE,REUSE AND RECYCLE

- Automatically turns food waste into a dry nutrient-rich soil additive in just a few hours.

EASY PROCESS FOR COMPOSTING FOOD WASTE



KEY FEATURES

SMART SELF CLEANING

Add some water, press a button and let the machine do all the hard work.

SMART ONE TOUCH SYSTEM

From food waste to compost in just one touch of a button, Now thats smart.

SMART STERILISATION

UV-C is a chemical-free sanitizing method, which kills allergens, viruses, bacteria, and mold.

SMART VOICE NOTIFICATION

Notification of progress in composting and you can control it more intelligently.



HOW TO USE



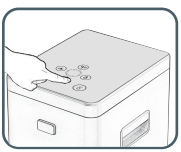
■ **Tear the protective film**



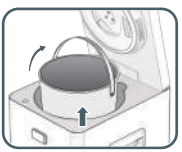
■ **Insert the Carbon Filter**



■ **Tear the protective film**



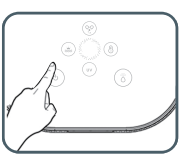
Press OPEN BUTTON to open the cover



Take out the treatment bucket



Put the food wastes into the treatment bucket



Touch the "on/off"" symbol



Closed the Lid



Put the treatment bucket back into the machine

Process Indicator

Note: The cycle times listed below may vary depending on the food waste quantity and contents. The ranges provided are an average range based on our in-house testing.

Phase I



Drying mode - The heating plate starrs. This phase will last up to 2 hours.

Phase II



Grinding mode - The grinder starrs working at full speed along side the heating plate. This phase will last up to 2 hours.

Phase IV



Sterilise mode - The UV-C light begins to sterilise the treatment, ready for you to empty the bucket for the next use. 30mins.

Phase III

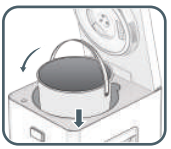


Cooling Mode - The drying and grinding modes end and cooling begins. This phase will last up to 30mins.

Smart Self-Cleaning



Pour water into the bucket, under max-line



Put the buket back into the machine



Touch the smart self-cleaning symbol on the touch panel.



"UV" indicator on, sterilize 30mins



"clean" indicator on, boil water 30mins

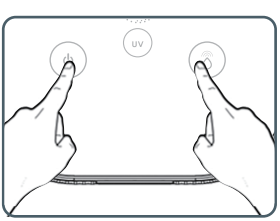
Clearing of faults

If the machine's indicators start flashing and buzzing please do the following:

All Clear Operation

Hold the “on/off ” and “cleaning” symbols on the touch panel for 5 seconds to clear the error.

If you open the lid during use, the device will enter a safety mode and you will be unable to restart the device until the machine has cooled.



FOR STORAGE

1. After composting or cleaning, unit will automatically proceed to “STORAGE" mode. While in Storage Mode, the unit's fan is stillrunning and the UV lamp is still turned on.

2. Stir the compost intermittently to prevent it from rotting

3. The “Uv” button will be blinking when unit is in Storage Mode

4. After the machine is turned on, if there is no operation within 15 seconds, the machine will directly enter the standby mode.

Note:

- Do not attempt to compost anything other than food waste inthe unit such as glass, metal, fabrics or wood, Likewise, do notcycle large bones such as pork or beef bones, pits, sweets, gum,nuts or hard shells as these materials may cause serious damageto the treatment bucket, and/or cause a motor overload. Do not add oil.pesticides, chemicals ,flammable materials or compounds ,orwater into the unit.

- The greater the variety of fruits and vegetables in your food waste and scraps, the better your IUHAND end product! Have an even mix of light and heavy food scraps interspersed. Do not leave your unprocessed waste for a long period of time (over a week). Run a smaller cycle if necessary.

FUNCTIONAL DISPLAY



UV STERILIZE

Eliminates harmful food pathogens.



GRIND

Once the food waste has been reduced in size, this process further breaksdown the food waste into small, powder-like particles which can be easilymixed in with soil to release nutrients upon immediate application of theby-product.



COOL

This process returns the unit and contents to room temperature, for safehandling. This also continues the aeration and dehumidifying processes.



DRY

Dehydrates and reduces food waste volume by up to 90% of its originalvolume, removes foul odors and reduces methane production.



CLEAN

Helps get rid of remaining particles that are stuck in the bucket. It emitsheat to dry up excess oils and uses UV to eliminate harmful pathogens.

TROUBLESHOOTING GUIDE

Concern	Possible Causes	Solution
“Dry" and “Grind”indicator lights are flashing at the same time accompanied by a warning sound	Waste is stuck in the treatment bucket	1. Take out the waste stuck in the bin 2. Hold and press the “ Power ” and “ Cleanbuttons at the samet ime for at least five (5) seconds 3. Two-second beepingsound will be heardand unit will be reset 4. Unit will return to Standby mode
	Blade for grinding is stuck	
“Grind" and“Coo” indicator lights are flashing at the same time accompanied by a warning sound	Overheating Temperature in the bin is too high.	1. When temperature inthe bin is higher than 45°C, unit will stop working 2. Wait for the unit to cooldown 3. Hold and press the3.“ Power ” and “ Clean " button at the same timefor at least five(5)seconds to reset

Note:

Do not open the lid or disconnect the power if the unit is running. If the operation is interrupted, the unit will not save the progress.

If the lid won't close, maybe the bucket isn't seated properly. Please lift the bucket vertically, and slowly rotate the knife holder in the bucket until it fits completely with the bottom metal contact surface.

For any other concerns, please contact us directly. Do not attempt to disassemble or repair the unit on your own as this may void warranty.

IMPORTANT SAFETY GUIDELINES

- Carefully read all instruction materials accomnpanying the product.
- To avoid electrical shocks, keep cords, plugs and portable electrical appliances away from water and other liquids.
- Unplug the unit from the outlet when not in use, prior to servicing and adding/removing parts, and before cleaning the unit.
- Avoid touching moving parts.
- Do not operate any appliance with a damaged cord or plug, a unit showing signs of malfunclion, or any product that has been dropped or damaged in any way.
- The use of attachments that is not recommended or sold by the manufacturer may cause fire, electric shock, or injury.
- Do not let electrical cord hang from counter or table edge.
- Unit must only be plugged into properly grounded outlets
- Turn off and unplug the unit prior to opening the lid.
- Do not touch any hot surfaces.
- Use the handles or knobs provided for safe handling.
- Do not place the unit on or near a hot gas or electric burner.
- Keep unit away from direct sunlight.
- Place the unit on a flat, even and dry surface.
- Do not use appliance for any purpose other than its intended use.
- Keep the appliance and power cords out of reach of children.

Important Reminders

- Do not add food waste directly into the machine without the bin installed in the unit.
- Do not open the unit during a cycle. Do not put your hands inside the unit unless it has completely finished cycling and has gone through all the cycle modes.
- Do not keep opening the machine during the cycle process. Every time you open the machine, the process will resume back to first stage.
- Refer to the user manual for what can and cannot be put in the bin.

Standby And Storage Modes

- **Standby state**: After connecting to the power supply, the composter is in standby state. In standby mode, press the ON/OFF button to enter the working mode; press the cleaning button to enter the cleaning mode. Standby time 15s

- **Storage mode**: ON/OFF is on together with the UV lamp, and these two lamps will always be on and off in a cycle. The knife holder rotates for 10 minutes every 3 hours, the blade rotates and the fan works together.

- In the standby state, it will automatically enter the storage mode after 15s of the standby state and enter the storage mode; After processing, if the cover is not opened, IUHAND will enter storage mode. In the storage mode, press the power button/cleaning button/open the lid to leave the storage mode and enter the standby mode.



Frequently Asked Questions

01

Can I run a half load? How full is the minimum and maximum?

You can run a load as small as you want, however, there is a line on the bucket indicating the maximum capacity. IUHAND will run with low content capacity, however, the cycle may complete faster. DO NOT RUN EMPTY!

02

If I open the lid or IUHAND stops or is unplugged in the middle of running, is it hot? What do I do to start it up again?

Bucket and contents will be hot CAUTION DO NOT TOUCH! There may be some steam so STAND BACK. To restart, close the lid and press start, it starts the whole cycle again but will still process the waste. The cycle might take a shorter time with half processed waste.

03

Can IUHAND sit with unprocessed waste for a few days while I fill it? Will that smell?

A few days are okay. Filter odor control is not active while IUHAND is not running, so you might smell it. We recommend running a smaller cycle if you can so that you are not leaving waste in there for too long.

04

My IUHAND is producing bad odors?

Replace the filter in the base. Check for old waste build up. Don’t let waste sit for too long. The body has a built-in odor filter, but the carbon filter is in the base. Use together for better odor control.

SOCIAL VALUES

It' s our responsibility to protect the environment

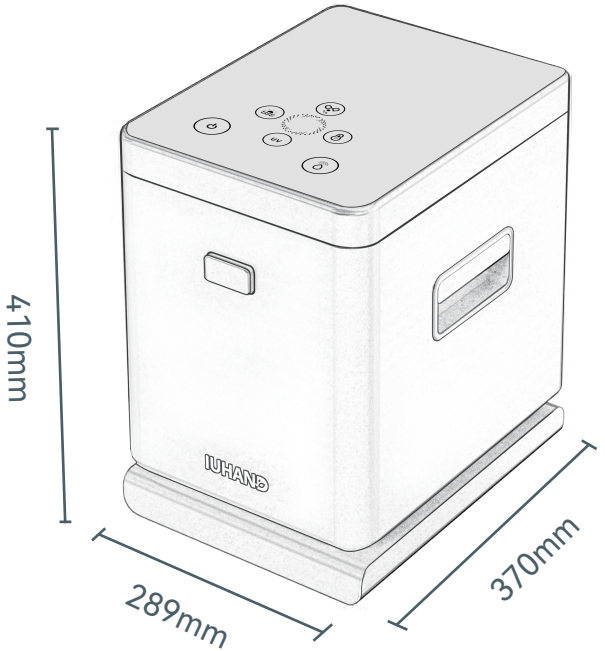
Up to 40% of carbon emissions from waste are created during transport. Our disposer eliminates all emissions from transport and eaves you with a nutrient-rich EcoGold for your house plants and garden.



Let's create a cleaner community

Food waste in your bin creates odours and attracts pests It also means collection has to be more frequent. Eliminate the bin day smell and have fewer refuse trucks driving around the community.It's our responsibility to protect the environment,Up to 40% of carbon emissions from waste are created during transport. The fully automatic food waste composting machine eliminates all emissions from transport and leaves you with a nutrient-rich EcoGold for your house plants and garden.





TECHNICAL SPECIFICATIONS

Model Name	Food Waste Disposer
Model Number	MD-11400
Processing Modes	Dry, Grind, Cool, UV Sterilize, Clean
Result	90% Food waste will be decomposed, 10% leftwill be converted into organic soil additive
Bin Capacity	3 Liters
Rated Voltage	110v
Product Dimensions	L-370mm x W-289mm x H-410mm
Product Weight	10kg


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