



smart **carà**

**Domestic and semi-professional  
units for food waste fast drying**



We have a unique range of products and several brands  
We distinguish ourselves thanks to the ability to shape according to  
our customers, products and markets.

## Unique products

From this idea comes a declination of the MARES logo that includes all the colors of its unique collection that draws its inspiration from the elements of nature: blue for ARIA products (plasma filters, universal long life filters, air purifiers...) , green for EARTH products (organic waste dryers), BLUE for WATER products (E-waterblock and Alpwater), Red for FIRE products but also the institutional color of our company. We are always the same and yet always new and different.

Since more than 40 years, this is the way we bridge the gap between customers, market and products



smart **carà**

Today the food scratches create problems of unpleasant odors, hygiene, space and costs.

SmartCara solves directly at the origin the problems of home food waste.

Recycling starts from home at your doorstep.

# SmartCara

SOLUTION NOT POLLUTION !



## SMARTCARA

The most innovative way to dispose of your food waste.

Award-winning and worldwide best-selling food waste processor.

## The Revolutionary Breakthrough

An innovative fast drying process to transform, thanks to a simple thermo-mechanical action, in just a few hours, organic waste into dry output reducing up to 90% the weight and volume of the original waste.

Recycling starts from home at your doorstep.

The equipment is for domestic and even semi-professional uses and solves directly at the origin the problems of food waste.

## THE RANGE



Ideal solution at home

MINI  
cod. PCS-400



Ideal solution at home

MINI with stand floor  
cod. PCS-400



Ideal solution for big families and professionals

FAMILY  
Cod. PCS-500D



The high-temperature dehydration technology effectively gets rid of odors and kills 99.9% of pathogens from food waste. Experience a more pleasant and hygienic cooking environment!

 <p>Storage Function</p>	<p><math>\frac{1}{10}</math></p> <p>Volume Reduction</p>	 <p>Power Socket Customization Available</p>	 <p>odorless</p>	 <p>Low Noise</p>
 <p>Food waste collected then Disposed at once <b>Storage Function</b></p>	 <p>BI DC motor applied <b>Low Noise High Durability</b></p>	 <p>Food waste in powder form <b>Reduction Rate</b></p>	 <p>Heat at high temperature <b>Sterilizing Function</b></p>	 <p>User-friendly <b>Audio Guide System</b></p>
 <p>Self-cleansing of Receptacles <b>Self-cleansing</b></p>	 <p>Strong coating on Receptacles</p>	 <p>Easy to clean <b>Separable Stainless Cover</b></p>	 <p>Available as fertilizer <b>Food waste recycling</b></p>	 <p>Power Socket Customization Available</p>

# SmartCara



# The Perfect kitchen ally!



Low energy consumption



Wet food waste is completely processed into a dried powder like form



Powerful deodorizing performance. Odours are eliminated through internally fitted eco-filters.



The dried output is stable, hygienic and can be stored



Detachable cast iron barrel for easy disposal of organic waste



Easy cleaning process



Our kitchen scraps contain important substances and minerals that are very useful for our plants to stay healthy and grow luxuriantly, without using chemicals and maximizing the concept of recycling, and without any smell!

Recovering these elements is very simple: kitchen scraps are in fact perfectly capable of providing everything our plants need, such as potassium, nitrogen, iron and magnesium, phosphorus, calcium and sulfur.

Not only! Some citrus fruits help to increase the acidity of the soil as on the contrary eggshells, bicarbonate and ash are very useful for lowering it!

#### Treatable items:

- Fruits
- Vegetables
- Pasta and rice
- Potatoes
- Starches
- Bread
- Fish and fish shells
- Meat
- Chicken/Turkey/rabbit bones

# SmartCara

RECYCLING & SUSTAINABILITY



smart **carà**



## NEW AESTHETIC

Mini – 2 litres

cod. PCS-400

**Ideal solution at home**

- New BLDC motor with more efficiency, high durability, less noise and less energy consumption
- New control panel «easy touch»
- Self-cleaning system
- Low energy consumption
- No enzymes or additive required
- Plug & Play
- Lock/unlock safety system
- Storage container/Floor stand
- Colours: Modern Grey, Pure White

# SmartCara

## New! PCS-400



smart cara



# SmartCara

## PCS-500D



smart cara



# SmartCara

## PCS-500D

## CONSUMABLES & ACCESSORIES

The integrated deo system, with activated carbon, is able to eliminate food odors and reduces the humidity level.



### Deo Filter kit EF-10

Suitable for product models  
CS-10 / CS-25 / PCS-350

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The Filters life time is approx. 3/4 months (depending on the frequency of use).



### DEO Recyclable Filter EF-40

Suitable for product model  
PCS-400

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The new ECO-filters for PCS-400 model have a longer life and can be disposed of by separating the plastic container from the active carbon component.



### Deo Filter EF-50D

Suitable for product models  
PCS-500 and PCS-500D

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## CONSUMABLES & ACCESSORIES

Extra waste bucket for easy change empty with full bucket.



### Waste bucket DR-10

Capacity 2 litres – suitable for product models CS-10 / CS-25 / PCS-350

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### Waste bucket DR-40

Capacity 2 litres – suitable for product model PCS-400

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### Waste bucket DR-50D

Capacity 4 litres – suitable for product model PCS-500 and PCS-500D

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## CONSUMABLES & ACCESSORIES



### FLOOR STAND

Suitable for PCS-400 with storage drawer (available in the two colors of the dryers)

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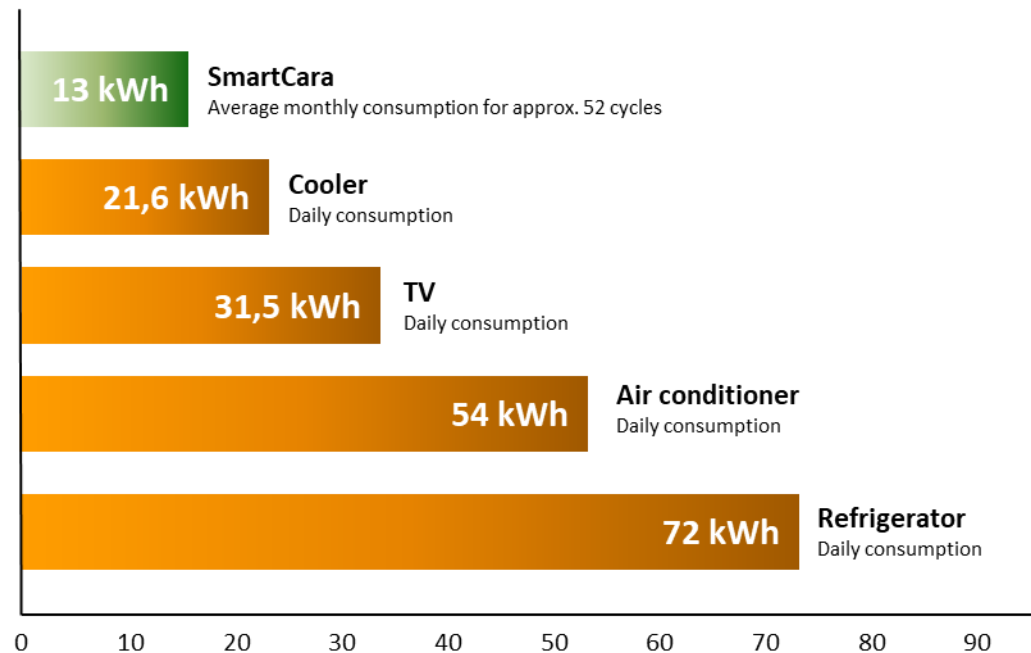




### ESACS (Automatic Electricity Saving control system)

With SmartCara energy can be saved thanks to the automatic control system that measures the humidity level through some sensors that regulates the process time and the energy required.

### Comparison of consumption of household appliances



# SmartCara

ENERGY SAVING



**SmartCara**

**Food waste composter with microorganisms**

**Preparation** Immediately after purchase

3-4 weeks to grow active microorganisms

**Operating time** 3-5 hours for food scraps

Up to 24 hours depending on type of food waste

**Maintenance** Filter replacement every 3-4 months

Requires constant microorganism management and internal humidity filter replacement

**Odor** No odor from operation or storage

Strong if microorganisms cannot disgregate all elements

**Cleaning** The container is detachable and washable separately. Auto-cleaning system is available.

Difficult to clean the internal container due to microorganisms, shoveling required

**Effectiveness** Food scraps can be break down completely

Unable to break down completely all type of food (it depends on the size and type)

**Noise** 26dB

35dB

# SmartCara

## COMPETITION



Government Certified  
Eco-Friendly Product



2014-2021 | 8 Years Straight  
Government-certified Next  
Generation World's Best Product



2019-2022 | 4 Years Straight  
Government-certified  
Republic of Korea's National Brand



2018 Korea Competitiveness Awards  
(IT Innovation Award)



VIP ASIA 2015  
Awards



Best SMEs Product Award  
(2014 Mistry of SMEs,  
Republic of Korea)



2014 National Hardware  
Show Innovation Awards(USA)



Best Small Home Appliances  
Award  
(2013 Ministry of Trade,  
Republic of Korea)

# SmartCara

AWARDS & CERTIFICATES





# SmartCara

## TECHNICAL SPECIFICATONS

CE



	PCS-350 (discontinued model)	PCS-400 (available as from January 2023)	PCS-500D
Colour	Dark silver/black	Pure White or Modern Grey	Dark silver/black
Process method	Dry/grinding	Dry/grinding	Dry/grinding
Installation method	Free standing	Free standing	Free standing
Power	220V/50Hz	220V/50Hz	220V/50Hz
Power consumption	0,5 kW	0,5 kW	1 kW
Processing time	3/5 hours	3/5 hours	3/5 hours
Food waste capacity	2 litres/cycle	3 litres/cycle	4 litres/cycle
Reduction rate	approx. 95%	approx. 95%	approx. 95%
Deodorization	Triple Complex filter	Triple Complex filter	Triple Complex filter
Net weight Kg.	9	13	19
Net size (W x D x H)	260 x 360 x 361 mm	260 x 460 x 360 mm	355 x 340 x 720 mm
Gross weight Kg.	11,5	15	20
Packing dimension (W x D x H)	337 x 387 x 435 mm	425 x 370 x 550	470 x 410 x 800 mm
Quantity per Pallet	32 units	21-22 units	12 units



**Notes**



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