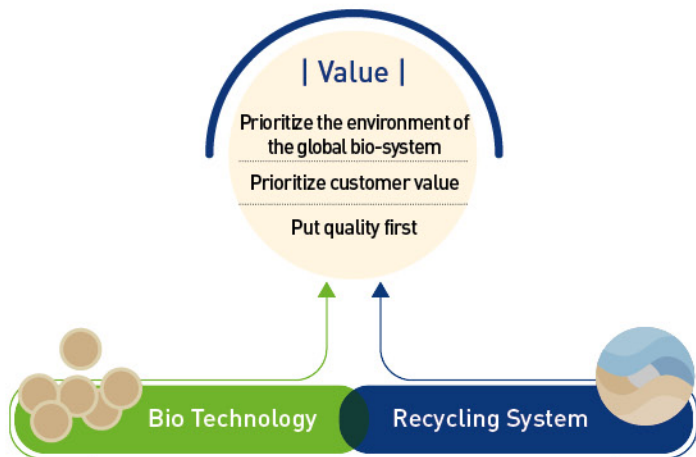




SOMAbio's Enzyme-based Food Garbage Disposal System is designed and produced for optimal microorganism growth, and discharges food garbage after its volume has been reduced through being consumed as feed for microorganisms (culture medium). SOMAbio has acquired 22 patents related mainly to the microorganisms useful for deodorization and other products. Based on SOMAbio's own original technology, these products have been sold to 21 local governments over the last 15 years. The sizes of the units are small in comparison to their disposal capacities, and as odors are removed by SOMAbio's own proprietary microbial enzymes, they are very suitable for installation inside kitchens. SOMAbio was established with the goal of handing over a clean and environment-friendly planet to our grandchildren by supplying products that solve food waste problems.



### Certificate



**Certifications** : KTR report card (2 types) / KC registration certification / Electric safety certification

**Patents** : Patents: Food waste liquid elimination treatment device / Resource recycling elimination treatment device using liquid elimination treatment method for food wastes / Mineralization method and related device using organic food wastes as aerobic microorganisms (food waste enzyme ferment decomposition retreatment device and 17 others

### Past Performance

**Place of delivery(Country)** | Gwangju-si Office, Gyeonggi-do (Korea)  
**Product or service delivered** | Enzyme-based Food Garbage Disposal System Holy-G 099

**Period** | Feb. 6, 2015    **Delivery Amount** | KRW23,100,000

**Place of delivery(Country)** | National Institute of Meteorological Science, Korea Meteorological Administration

**Product or service delivered** | Enzyme-based Food Garbage Disposal System Holy-G 099

**Period** | Feb. 13, 2019    **Delivery Amount** | KRW23,100,000



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# Soma Bio's microorganism fermentation reduction technology is creating a new eco-paradigm

The Best Disposal Machine Available Today!



**HOLY-H**  
Enzyme-based Food Garbage Disposal System (Holy-H) for domestic use  
Disposal capacity: 3 kg

## Specifications

MODEL	Holy-G/070	Holy-G/099
Type	Enzyme-based disposal system	
Capacity (1 time)	70 Kg	99 Kg
No. of Meal Person	300~400	600~700
Unit Dimensions (mm)	1,323(L)× 785(W)× 1,070(H)	1,520(L)× 820(W)× 1,150(H)
Unit Weight (empty)	160kg	270kg
Color	Cherry Red / Metal gold	Cherry Red / Metal gold
Voltage	AC 220V	AC 220V
Average Power Consumption	0.5kwh	0.8kwh

\* This material is made for better understanding of customer.  
\* The specifications are subject to change without notice.  
\* The power consumption level can be different by operating condition  
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**HOLY-G 070** New Gold  
Enzyme-based Food Garbage Disposal System (Holy-070) for large restaurants  
Disposal capacity: 70 kg



**HOLY-G 099** Cherry Red  
Enzyme-based Food Garbage Disposal System (Holy-099) for large restaurants  
Disposal capacity: 99 kg



## Key Attributes

**85%**

Food waste fermentation reduction treatment

**0 ppm**

No foul odors produced during the treatment process

**6 hour**

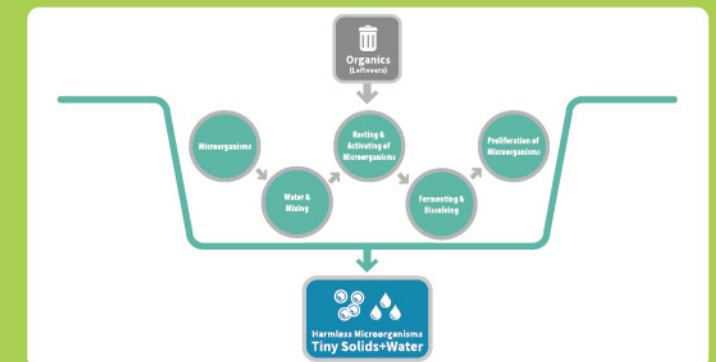
High-speed fermentation reduction treatment time

**25 db**

No noise generated during the treatment process



## Biological Process of SOMABio



SOMABio's own preparation of complex microorganisms decompose organics. For example, main components of organics such as carbohydrate, fiber, fat, protein are broken down into glucose, amino-acids, fatty-acids, and fed to microorganisms during resting cycle. Some of the harmless microorganism are drained out with water.