

Connecting Japan and the World  
Through Environmental Improvement

# NANO BEST®

NANO BEST JAPAN Co., Ltd.



## JAPAN

MADE IN JAPAN



- |             |           |              |           |
|-------------|-----------|--------------|-----------|
| Distributor |           | USA          | China     |
| Hong Kong   | Taiwan    | Korea        | Thailand  |
| Malaysia    | Indonesia | South Africa | Sri Lanka |

# NANO-BUBBLE GENERATOR

Compressing various gases, such as oxygen, into ultra-fine nano-sized bubbles and dissolving them in water.



Nano-Bubble Generator

# SO<sub>2</sub>RA

Biological Activation

Water Purification

Sterilization

Cleaning Effect

Dilution Effect

### Change the Water, Change the Results. The Special Effects of Nano Bubbles.

#### Agriculture



Promotion of Photosynthesis

Increased Yield

Improved Quality

Freshness Retention



Significant Reduction in Live Bacteria Count

"Mung Bean Sprout Cultivation"

#### Fields



Reduction of Pesticides and Fertilizers



Water Conservation

Activation of Beneficial Bacteria

#### Livestock



Drinking Water

Enhanced Immunity

Body Activation



Milk for Calves (Diluted Water)

Efficient Nutrient Supply

#### Water Reservoirs



Sterilization and Preservation

Quality Improvement

Intestinal Flora Enhancement



Transforms into High-Oxygen Drinking Water

#### Aquaculture



Enables High-Density Aquaculture

Prevention of Oxygen Deficiency

Growth Promotion

Water Quality Improvement

Increased Survival Rate



#### Cleaning



No Detergent Use

Cost Reduction

Sterilization and Deodorization

Environmental Consideration

#### Drainage





Oxygen

Hydrogen

Nitrogen

Argon

Ozone

carbon dioxide

fluorine

esp.

"High-spec type capable of containing various gases in high concentrations."

# Capable of enclosing various gases



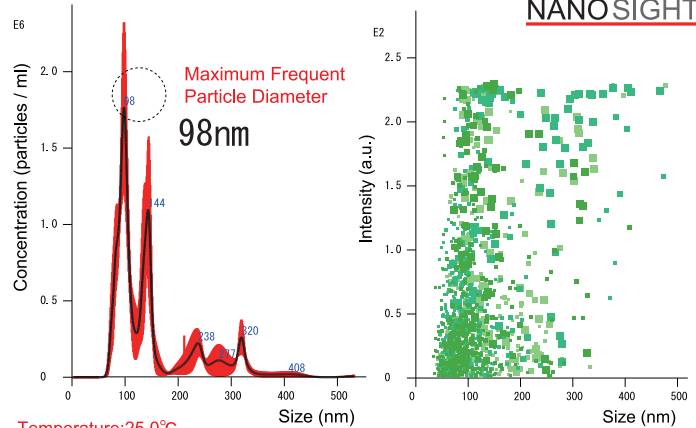
Nano-size

87~98nm

Dissolved oxygen measured DO value:  
**30.0 ppm** ~

NANO-BUBBLE Generator  
**SORA-GR HS**

Body size: 530 (length) x 150 (width) x 570 (height)



NANO SIGHT

pieces (density/ml)  
**87.9 million** ~

Prevents Oxygen Depletion and the Spread of Pathogens!

Absorb nutrients and oxygen from roots and leaves

Shortened Growth Period

Increased Harvest Yield

Improved Quality

Nano-sized high permeability

Improves O<sub>2</sub> deficiency in groundwater

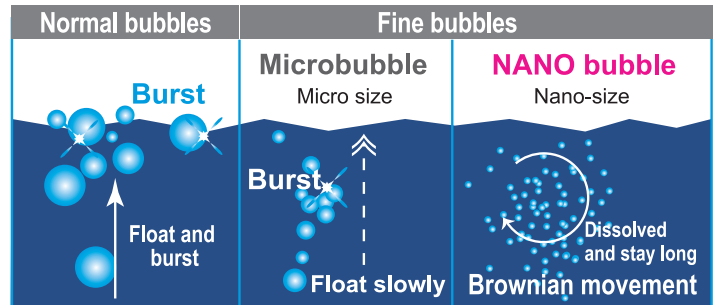
Oxygen supply

Nutrition supply

OH<sup>-</sup>  
Nutrient attach to nano-sized oxygen

More active plant cells

Nutrients

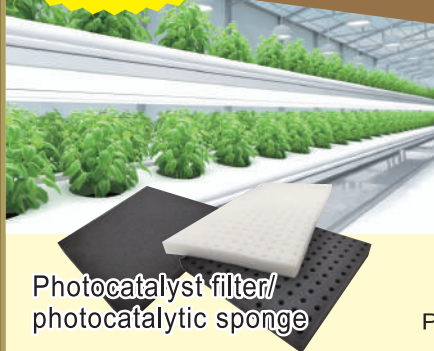


Oxygen in normal water decreases with increasing temperature.



The World's First!!

Photocatalyst and Micro Fine High-Oxygen

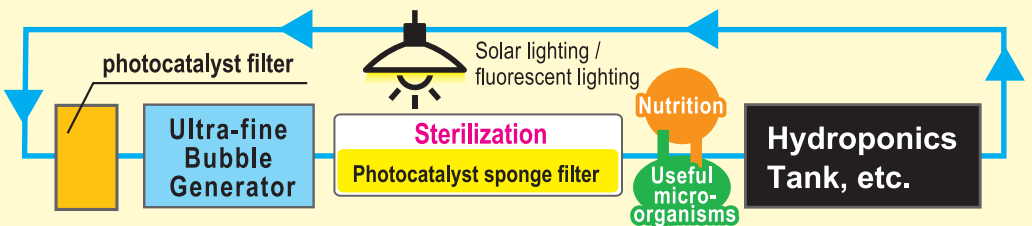


Photocatalyst filter/photocatalytic sponge

## Circulating Ecosystem

System diagram

The combination of photocatalyst and nano-size high oxygen shows a powerful force.



Photocatalyst reacts with light (visible light/sunlight) and decomposes organic substances.

When used in combination with nano bubbles, microorganisms are further activated, enhancing the processing capacity.

Creating Fertile Soil



For Soil Improvement

**Bio-α**  
Effective Microorganisms

In soils rich in beneficial microorganisms, the occurrence of pests and diseases is minimal, and crop growth is enhanced, resulting in better taste.

Beneficial Microorganisms Produced in a Completely Organic Farm

Antioxidant Solution

Environmentally Friendly Water Purification for Living Organisms



For Water Quality Purification

**Bio-β**  
Effective Microorganisms

Beneficial microorganisms in the water absorb and break down organic matter.