



We can provide the product which closely reflects the life considering environment & health.

**Residential Use**



To supply the delicious water which have a potential to extract good tasty flavors.

**Commercial & Industrial Use Product**



This machine fully demonstrates latent powers at the site where high-level hygiene supervision is required for.

**Medical Facility Use**



The units are performed outstandingly at cutting-edge facility of disinfection water.

**Industrial Use Product**



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EMS Accreditation  
RE306



ISO14001 Approved  
JQA-EM 0706



Member of Japan  
Water Purifier Association



Member of American Water Quality Association  
Member of Association of Halime Ionized Water Apparatus



## Generating High-Class Sanitary System



# SINCE 1970

### Mission of OSG Corporation

To develop the unit which can generate safety & clean water considering people's health and the better environment of the earth.

## What is Serius Sanitary System?

Produces soft acidic water, which has 80 times as strong as disinfect power as sodium hypochlorite. It mixes and dilutes sodium hypochlorite (Food additives for disinfectant) and hydrochloric acid (Food additives of ph).

These days, hygiene control system is required for all industries. You can use it for hygiene control of wide field, such as food industry and medical institutions.



**SERIUS provides high-level hygiene control system in various fields such as food and drink industries, and medical services.**

Model	Serius Soft Acidic Water Generator
Size	W800 X H1275 X D553 (mm) W974 X H1275 X D553 (mm) (including pipes)
Weight	About 90KG (Main unit only)
Rating	AC100V 4.4A 50/60Hz (Japanese Standart)
Fluid Temperature	5~35°C (No Freezing)
Ambient Humidity	35~85% RH (No dewing)
Water Supply Pressure on Use	0.25~0.75MPa (more than 0.25MPa is necessary constantly) (More than 0.25MPa of reducing pressure value attachments is necessary)
Generation Capacity	About 1,500 (±120) l/h
Volume of Available Water	5~25 l/min
Ph Value	Changeable by Control Panel
Range of Ph Measurement	pH 4.5~7.8
Concentration of Residual Chlorine Diameter of Pipe	about 100,200mg/L(ppm) step switching
Electrolysis Solution Safety System	Supplying Water PVC union (Screw type) PT3/4" (20A) Expelling Water PVC union (Screw type) PT3/4" (20A) Electrolysis Solution (NaClO) Hydrochloric Acid (HCl) pH Measurement Device • Sensor of Shortage of Electrolysis Solution • Guard of Amount of Supplying Water Leak Sensor of Electricity • Leak Sensor of Solution • Guard of Operating Pum of Electrolysis Solution



SANITARY SYSTEM  
**serius**



SANITARY SYSTEM  
**serius**  
**Soft Acid  
Water Process**

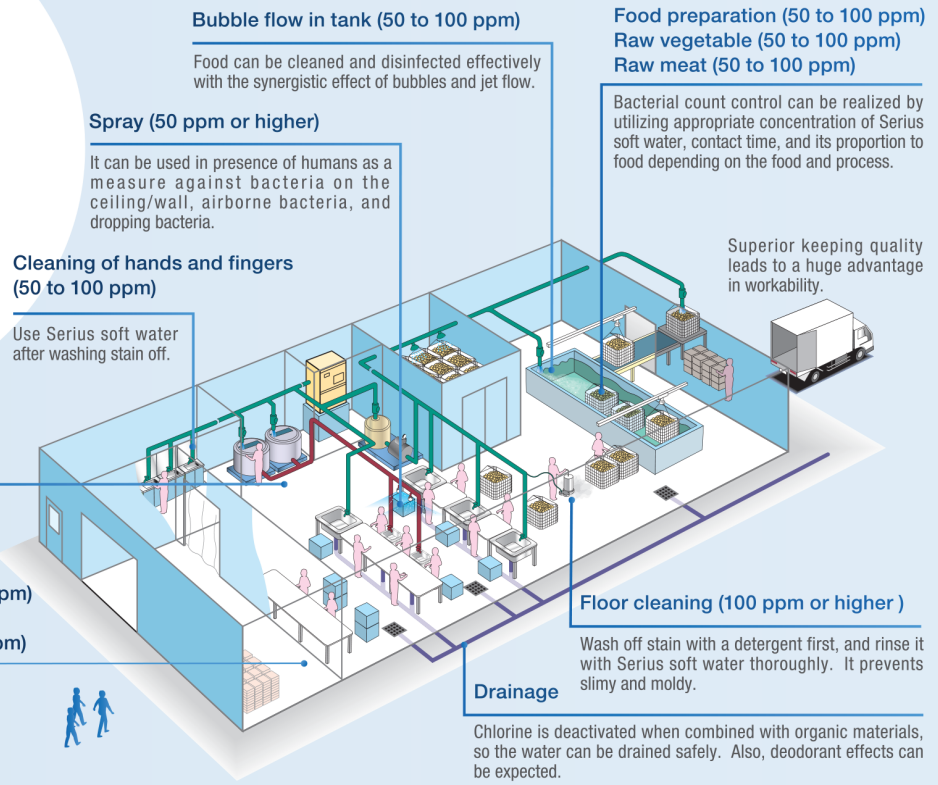
Eminent Disinfectant Power  
Highest Grade of Safety Affinity  
for Human and Environment.

**Cleaning inside piping [CIP]  
(30 to 50 ppm)**

Using Serius soft water in the CIP process shortens work process and reduces the environmental load of drain water significantly.

**Cleaning of cutting board (50 to 100 ppm)  
Other instrument (50 to 100 ppm)  
Cleaning of kitchen cloth (50 to 100 ppm)**

Wash off stain such as organic materials before washing under or dipping in Serius soft water to improve the disinfection effect.



**Bubble flow in tank (50 to 100 ppm)**

Food can be cleaned and disinfected effectively with the synergistic effect of bubbles and jet flow.

**Spray (50 ppm or higher)**

It can be used in presence of humans as a measure against bacteria on the ceiling/wall, airborne bacteria, and dropping bacteria.

**Cleaning of hands and fingers  
(50 to 100 ppm)**

Use Serius soft water after washing stain off.

**Food preparation (50 to 100 ppm)  
Raw vegetable (50 to 100 ppm)  
Raw meat (50 to 100 ppm)**

Bacterial count control can be realized by utilizing appropriate concentration of Serius soft water, contact time, and its proportion to food depending on the food and process.

Superior keeping quality leads to a huge advantage in workability.

**Floor cleaning (100 ppm or higher)**

Wash off stain with a detergent first, and rinse it with Serius soft water thoroughly. It prevents slimy and moldy.

**Drainage**

Chlorine is deactivated when combined with organic materials, so the water can be drained safely. Also, deodorant effects can be expected.



