

VEGA series

Using ozone water and ozone gas produces a double sanitary management.

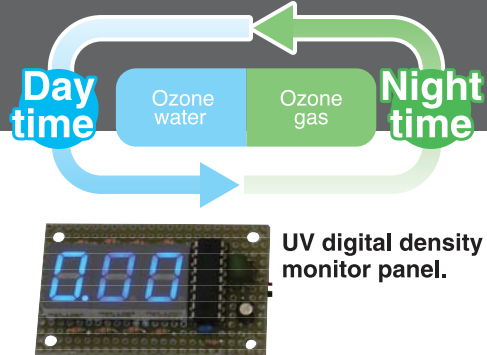
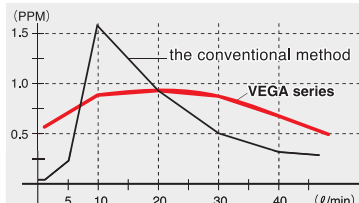
Field's first

Now it is possible to use a digital display to control ozone water concentration. The time when we control ozone water by densitometer is now with us.

A digital UV and Ozone monitor is built into the VEGA Jr and VEGA DX!!

Whether using one tap or six taps at the same time, ozone water density can be stabilized

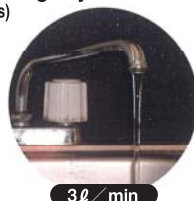
By changing from a standard dissolution-style ozone generator to a diffusion-style generator, you can safely maintain the same ozone water concentration even when changing the amount of ozone water used. (Patented)



It produces ozone water at a rated value by just turning on the water tap ! (Adopted in all series of products)

Just open the faucet slightly to start the flow of ozone water. (Adopted in all series of products)

The conventional flow switch offers 3 ℓ/min, but the VEGA produces 7 ℓ/min.



VEGA Jr Part number TMB-3GNK

- ▶ Ozone water faucets are placed at three to five places (40 ℓ/min) as a guide.
- ▶ Spitting out Ozone gas nozzle is placed at ten to fifteen places (~1400m³(140grammage)) as a guide.

Function

Patented tornado method

- Simple design but high performance.
- Enhanced performance but budget prices.
- Stable ozone density.
- Start-up feed rate 3 ℓ/min.
- Mixing Ozone water function by tornado method.
- Built-in Oxygen PSA.
- Built-in digital UV and Ozone monitor.

Specification

■Amount of generating ozone/0~3.0g/h (20°C Atmosphere pressure) Adaptable by using a generation adjuster ■Power consumption/400W ■Equipment dimension/Gas part:W510mm H720mm D250mm Water part:W170mm H720mm D230mm ■Device gravity/About 60kg ■Amount of generating ozone/3.0g/h ■Amount of ozone water/3.0~45ℓ/min ■Ozone water density/0.6~1.2mg/ℓ ■Measurable density range 0.00~4.99mg/ℓ

Installation example



VEGA DX Part number TMB-5GNK

- ▶ Ozone water faucets are placed at five to ten places (60 ℓ/min) as a guide.
- ▶ Spitting out Ozone gas nozzle is placed at twenty to twenty-five places (~2000m³(200grammage)) as a guide.

Function

Patented tornado method

- The amount of ozone is increased.
- The amount of ozone gas is increased.
- Simple design.
- Stable Ozone water density.
- Mixing Ozone water function by tornado method.
- Built-in Oxygen PSA.
- Built-in digital UV and Ozone monitor.

Specification

■Amount of generating ozone/0~3.0g/h (20°C Atmosphere pressure) Adaptable by using a generation adjuster ■Power consumption/400W ■Equipment dimension/Gas part:W510mm H720mm D250mm Water part:W170mm H720mm D230mm ■Device gravity/About 60kg ■Amount of generating ozone/3.0g/h ■Amount of ozone water/3.0~45ℓ/min ■Ozone water density/0.6~1.2mg/ℓ ■Measurable density range 0.00~4.99mg/ℓ

Installation example



NEW VEGA

Part number TMO-25NA

world's first Tamura TECO original product.

- ▶ Ozone water faucets are placed at three to five places (25ℓ/min) as a guide.
- ▶ Spitting out Ozone gas nozzles are placed at ten to fifteen places (~1400m³(140grammage)) as a guide.

Using ozone water and ozone gas produces a double sanitary control.

VEGA is an echo-making product that is the world's first to utilize the new technique of producing both ozone water and ozone gas which have a high deodorizing power.

Application

Disinfect, deodorize and resolute by ozone water.

Service space

large catering establishments, hospitals, food factories, chemical factories, elder care facilities and animal husbandries.

Function

Adopting Patented rotary PSA method offers the world's first stable ozone density, which is not changed by the amount of water.

- Both ozone water and gas-phase ozone are generated.
- Ozone density can be changed if needed, by using 4-level remote control
- Maintain the same ozone water density in spite of changing the amount of ozone water.
- Adopting silver cassette method enables silver ion to take place of ozone.
- Our own aponic pure oxygen generating system, PSA method, makes the high oxygen density stable.
- Changing concentration is easy and possible by using remote control.

Specification

■Amount of generating ozone/3.0g/h ■Voltage rating/single phase100V 294W/305W(50Hz/60Hz) ■Equipment dimension/W550mm H882mm D219mm ■Device gravity/about 54kg(Full capacity: about 60kg) ■Amount of generating ozone/3.0g/h ■Amount of ozone water/8.0~25ℓ/min ■Ozone water density/0.6 · 1.0 · 1.5 · 2.5mg/ℓ changing at 4-level (optional 50ℓ Spec.)

Installation example



Using ozone water and ozone gas produces a double sanitary management and it works 24hours!

Washing

Disinfecting by ozone is called dissolution, which helps cell wall destruct and decompose. It can remove slime and disinfect equipment, the inside surfaces of pipe, floor surfaces and can remove slim.



Disinfections

To reduce airborne bacteria, you can release ozone into the air from the ceiling nozzle. As ozone is harmful to humans, release ozone into the air at night or when there are no people in the vicinity. Turn off the machine 1 to 2 hours before using the room. By then, the ozone will have completely evaporated.



Deodorizing

Ozone deodorizes by means of an oxidation reaction with odor-causing agents. Up to 0.03ppm can be used around humans.



Preserve freshness

Ozone water is full of dissolved oxygen, making it effective for keeping vegetables fresh and for preventing meats and fish from spoiling and changing color because of bacteria.



Produce water for foodstuffs

Ozone is poured into raw water for the purpose of removing germs and unpleasant odor of processed water. Poured ozone will react to organic matter in water and then back to oxygen in a few hours.



Ozone water and Ozone gas

NEW VEGA
VEGA Jr
VEGA DX

Ozone concentration is easy to manage and can be easily adjusted to suit your needs.

Example of using ozone.

Purpose	Ozone density
Piping wash	3~5ppm
Floor cleaning	0.8~1ppm
Washing ingredients	0.5~0.8ppm
Container washing	1~3ppm
Preserve freshness	0.8~2ppm
Produce water for foodstuffs	1~3ppm
水臭気除去	0.3~0.5ppm

Example of using ozone gas.

Purpose	Ozone density
Deodorization	0.03~0.05ppm
Disinfection	0.1~0.3ppm
Food storage	1~2ppm
Disinfect products	qty. 100ppm