

OzMagic



OzMagic

Ozone Water Purification System

Website: <http://www.somamedical.net> **Email:** info@somamedical.net

Ozone

- A molecule that consist of 3 oxygen atoms
- Efficient disinfectant due to its oxidation properties
- Non- toxic at low level
- Hydrolyses OH-radicals therefore a potent antioxidant

OzMagic

- Ozone water micro generator system
- Breakthrough technology
- Self powered
- Kills bacteria and viruses
- No filters
- Economical
- Ecological



How to use OzMagic

- Attached directly to the water outlet of a faucet
- Can be attached to various type of faucet using plastic adaptors
- No tools needed



How does it works?

- Ozone is mixed during water flow
- The water ozone concentration is of 0.2-0.3ppm
- Operated from 0.2 to 0.4Mpa pressure through corona discharge
- Enough ozone to effectively kills coliform (e.g. E-coli etc.)
- Ozone residue in water can be used as disinfectant

Usage

- Proper hand washing
- More effective than soap
- Ozone water kills bacteria on surface of the hand



Before washing



After one minute
of washing with
tap water



After one minute of
washing with
OzMagic Ozone
water

Health properties

- Skin care
- Keeps skin clean and moisturized
- Kills bacteria on skins thus eliminates acnes and rashes
- Precaution against hand and mouth diseases, Enterovirus, E-Coli, Staphylococcus aureus

Other usages

- Ideal for washing vegetables, fruits fish and meats
- Ideal for watering plants
- Ideal for aquarium
- Ideal for mouth rinsing
- Ideal for skin
- Ideal for washing kitchenware
- Ideal for mixing drinks
- Ideal for drinking



Specification

Specifications	
Dimension	106(w) x 130 (L) x 70 (H) mm
Ozonating Capacity	70 mg per hour
Ozone Concentration	0.2 – 0.3 ppm
Minimum Pressure	0.2 Mpa
Net Weight	305 g
Generator Performance	Max 2W

Water analysis

Parameter	Actual Values	Standard Values
Bacteria, general	Colony under 100/ml	Colony under 100/ml
Escherichia coli	Not detectable	Not detectable
Nitrite – Nitrogen	2.7 mg/L	Under 10 mg/L
Chloride ions	7.1 mg/L	Under 200 mg/L
Total organic carbon (TOC)	0.5 mg/L	Under 5 mg/L
pH	7.2	5.8-8.6
Taste	No abnormality noticeable	No abnormality noticeable
Odor	No abnormality noticeable	No abnormality noticeable
Coloration	0.5	Under 5
Turbidity	0.1	Under 2
Calcium, Magnesium, etc	90 mg/L	Under 300 mg/L
Iron	0.1 mg/L	Under 0.3 mg/L
Chloride residual	0.4 mg/L	Not mentioned

Microbial analysis

Parameter		0 min	1 min	3 min	5 min
Escherichia coli IFO 3972	Ozone water	-	n/d	n/d	n/d
	Pure water	3.8×10^4	-	-	6.5×10^4
Staphylococcus Aureus IFO 12732	Ozone water	-	n/d	n/d	n/d
	Pure water	1.1×10^4	-	-	9.2×10^4
Escherichia coli IID 959	Ozone water	-	n/d	n/d	n/d
	Pure water	7.0×10^4	-	-	5.5×10^4

n/d = not detectable

OzMagic



Certifications

ATC[®]

CERTIFICATE

of Conformity
EC Council Directive 2004/108/EC
Electromagnetic Compatibility

Registration No.: ATE20090275

Applicant: NISSHO ENGINEERING CO., LTD
1724-3 Narita, Yaita-City, Tochigi Pref Japan

Product: Ozone Water

Identification: Model No. : AW-1000, AW-2000, AW-3000, AW-4000, AW-5000
AW-6000, AW-7000, AW-8000, AW-9000, AW-25K
Serial No. : N/A

Standards: EN 61000-6-3: 2007
EN 61000-6-1: 2007

The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC, referred to as the EMC Directive. This certificate does not imply assessment of the production and does not permit the use of ATC's logo. The applicant of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certified by

Sean Liu

March 6, 2009
Date

CE

The CE Marking may only be used if all relevant and effective EC Directives are complied with.

CE

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SGS

Test Report No. 2022199/EV Date: Oct 04 2007 Page 1 of 8

This report is to supersede test report number 2021852/EV.

Job No. : 2455415

Report on laboratory testing on E. Coli and Staphylococcus Aureus removal performance for Ozone Water Generator (Model: GPG-100).

1. Sample Identification

Sample No. Assigned by SGS	Sample Label	Test Requested
W0709141	Ozone Water (0 minute)	E. Coli
W0709142	Ozone Water (5 minutes)	
W0709052	Tap Water (0 minute)	
W0709053	Tap Water (5 minutes)	
W0709143	Ozone Water (0 minute)	Staphylococcus Aureus
W0709144	Ozone Water (5 minutes)	
W0709059	Tap Water (0 minute)	
W0709060	Tap Water (5 minutes)	

Buyer : Over the World
Supplier : Golden Phoenix
Manufacturer : Nissisho Engineering Co. Ltd
Country of Origin : China
Country of Destination : Japan, Korea, USA, Europe, South Africa

Evaluation : Conducted by SGS
Testing Date : 27 August - 14 September 2007

2. Sampling and Analysis Methodology / 3. Results

Please refer to the following page(s)

Signed for and on behalf of
SGS Hong Kong Ltd.

JESSICA LEUNG
SECTION MANAGER

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