

ONSEN SPA®



Foot bath for exfoliation
Age-defying and skin sterilization
Skincare as skin therapy
Treatment of atopic symptoms

OnSen SPA

Onsen Spa?

- Onsen means "hot spring" in Japanese. The bathing culture of Japan, where hot springs and bathing culture are developed, spreads all over the world and is used as a familiar term for everyone. The efficacy of hot spring is known to have various effects such as skin beauty, fatigue recovery and health maintenance.



- Spa is a place where you can manage your skin and relieve your stress by promoting blood circulation throughout your body, such as massage, heat of water, buoyancy.



- Onsen Spa is the first skin care device designed to be able to enjoy the spas easily at home, starting from the idea of enjoying spas at home everyday without having to go directly to the advantages of these spas and spas.



Major efficacy of hot spring

- Bathing in hot water with warm temperature is good for recovery of muscles and joints. Most of the chemicals contained in hot springs are dissolved in the form of ions, so they are absorbed into the body through the skin and can show various medical effects.
- The whole body (60 cm deep) promotes sweating and eliminates fatigue.
- Half-life (30 to 40 cm deep) is suitable for the elderly, the elderly, heart disease, hypertension patients because the burden on the heart is small.



- Major efficacy of hot spring (Japan / Korea Hot Springs Association)

Heat effect	It is the expansion of the peripheral blood vessels by the heat of the hot spring and the metabolism becomes active, and the fatigue and the pain disappear as the heritage is discharged out of the body.
Water pressure effect	Massage effect can be obtained by stimulating the internal organs by the water pressure, and the metabolism is enhanced..
Buoyancy effect	If you soak your neck in the hot spring, your weight will be reduced by about one-ninth. Your legs, waist, and joints are less burdensome, and your body feels light and relaxed.
Containing component Chemical effect	Hot springs contain many chemical components, and their ingredients play a medically important role. For example, the sulfur spring makes the blood vessels expand, so it is good for circulatory system such as permanent lesion after arteriosclerosis and after cerebrovascular disease, and the ingredients such as salt spring, carbonate spring, alkaline and sulfur spring are good for skin diseases.

What is a good hot spring for skin beauty?

- alkaline hot springs containing simple ingredients such as free carbonic acid, saline, and sodium bicarbonate with little salt content and no special stimulation. It is soft and has a soothing effect by heat, promoting blood circulation, reflection / absorption of the central nervous system, and especially effective for dermatitis.
- OnSen Spa uses this point **to concentrate the alkaline high concentration of hydrogen water through electrolysis and to help the skin, which is the smallest particle, can be absorbed quickly into the skin.**

HYDROGEN

What is hydrogenated water?

- The "hydrogen" dissolved in water is called "hydrogenated water" and is an **alkali component**.
- Excessive oxygen can oxidize cells to promote aging and cause serious health problems.

Strong antioxidant hydrogen peroxide

- Superoxide dimutase (SOD), which removes toxic oxygen, is produced in the human body. Binary oxidase is produced vigorously until the age of 20, but it is not produced anymore after the age of 40 because the production rate slows down from the mid-30s.
- When the Superoxide dimutase (SOD), is always lacking, toxic oxygen oxidizes normal cells, leading to diseases caused by aging and cell degeneration.
- Hydrogen has the characteristic of selectively removing only hydroxyl radicals, which are toxic oxygen harmful to human body, without reacting with active oxygen harmless to human body.

Sterilization purification

- Decomposition of various organic and inorganic substances in water, sterilization, disinfection and purification treatment and changing tap water or ground water into sterilizing water with strong sterilizing power.
- It effectively sterilizes all bacteria and viruses such as Escherichia coli, Chlorella, Bryophyte, Staphylococcus, Pseudomonas aeruginosa, Salmonella, Legionella, Candida and O-157 in water.



Colon
Bacillus



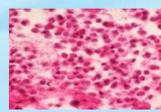
Staphylococcus



Bacteria



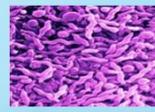
Salmonella



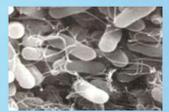
Bacillus
Pneumonia



Legionella



Cholera

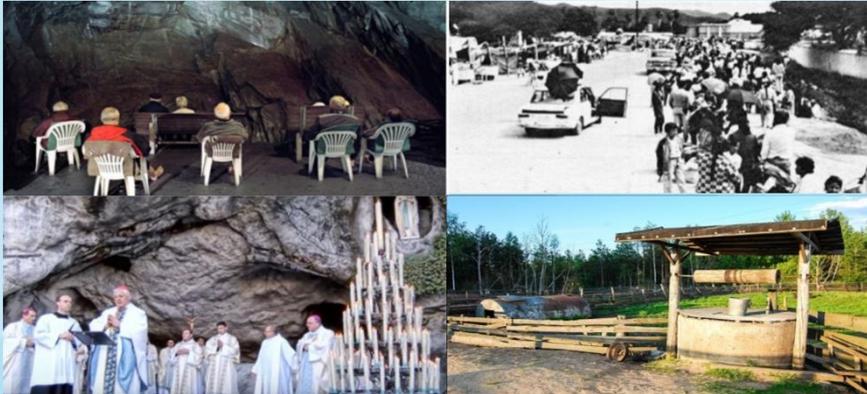


O157

HYDROGEN

The world's four miracles water

- It turns out that the water of the four miracles of the world is hydrogen water in common.



Germany Nordenau (80ppb)
 Mexico Tlacote Well (180ppb)
 Lourdes in France (410ppb)
 Indian Nada Well (180ppb)

- OnSen SPA generates more than 1900 ppb hydrogen water at a time.

Researches on hydrogen

- “Hydrogen acts as a therapeutic antioxidant by selectively reducing cytotoxic oxygen radicals”

“Atomic Hydrogen surrounded by water molecules, H(H₂O)_m, Modulates basal and UV-induced Gene Expressions in Human skin in vivo.”

- Dr. Shigeo Ohta, Journal : Nature medicine, 2007



- “Electrolyzed –reduced water scavenges active oxygen and protects DNA from oxidative damage.”

- S. Shirahata, Journal : BBRC (Biochemical and Biophysical Research Communications), 1997

- "Irie" Hospital of Japan Medical Institute had clinical experiment of hydrophobic treatment of atopic patients. The symptoms of atopic patients were significantly improved.



ONSEN SPA®

Since..2007..Victronics.co.,LTD.



Enjoy a Hydrogen bath for the skin beauty

Whole family's cleansing, bathing, as well as ornamental plants, pet care , etc.



Wash

Half bath

Children bath

Pet Bath

Ornamental plants
Flower management

Fruit vegetable
pesticide removal

Foot bath

ONSEN FACE SPA



FACE CARE

- Helps skin beauty in cleansing and improves the effectiveness of cosmetics
- Hydrogen facial care helps to improve various skin troubles and inflammation
- Provides superior moisturizing effect than ordinary water

ONSEN BODY SPA



BODY CARE

- Hydrogen bath helps to prevent skin aging than bathing in general water
- If you wash your head, it helps your scalp health.
- Helps to remove athlete's foot and exfoliation
- Improved Atopic Dermatitis Suppression

ONSEN RELAXATION SPA



RELAXATION

- You can feel the beauty effect of receiving skin therapy
- Helps to recover from fatigue in shower and bath after exercise
- Ornamental plants and flowers can be watched for a long time by providing them with hydrogen water on a regular basis

ONSEN PET SPA



PET CARE

- Helps improve the skin disease of companion animals susceptible to dermatosis due to the sterilization effect of water.
- Completely removes remaining detergent ingredients from animal skin
- Sulfur oxidation, odor removal

Remove wastes from pores and supply moisture with ultra-fine particles of hydrogen water



Hydrogen water therapy

- Ultra-fine particle bubbles smaller than pore size, eliminating all kinds of wastes in the skin and disinfecting harmful bacteria to help clean skin care and moisturizing effect

Hydrogen bubble

- It removes active oxygen from pure water and prevents oxidation of the skin as well as supplying a rich supply of hydrogen to prevent skin damage.

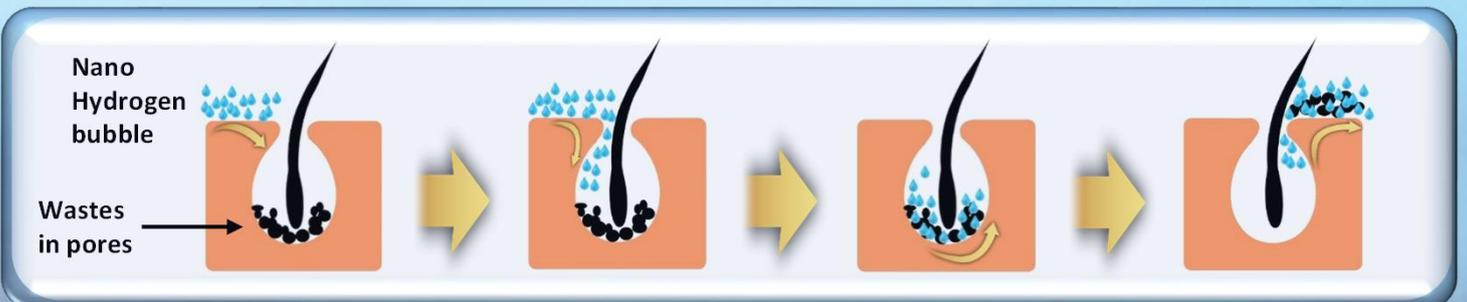
● General tap water

Water particles can't penetrate into the pores and only the surface outside the pores is washed away



● Nano particle hydrogen water

Hydrogen bubbles penetrate deep into the pores, disinfecting and wiping away waste products



How to choose a good skin care device of Hydrogen

Low ORP (Oxidation-Reduction Potential) and High dissolved Hydrogen



Oxidation-Reduction (ORP)

- The low value ORP reduces the harmful active oxygen to convert pure water (H₂O)

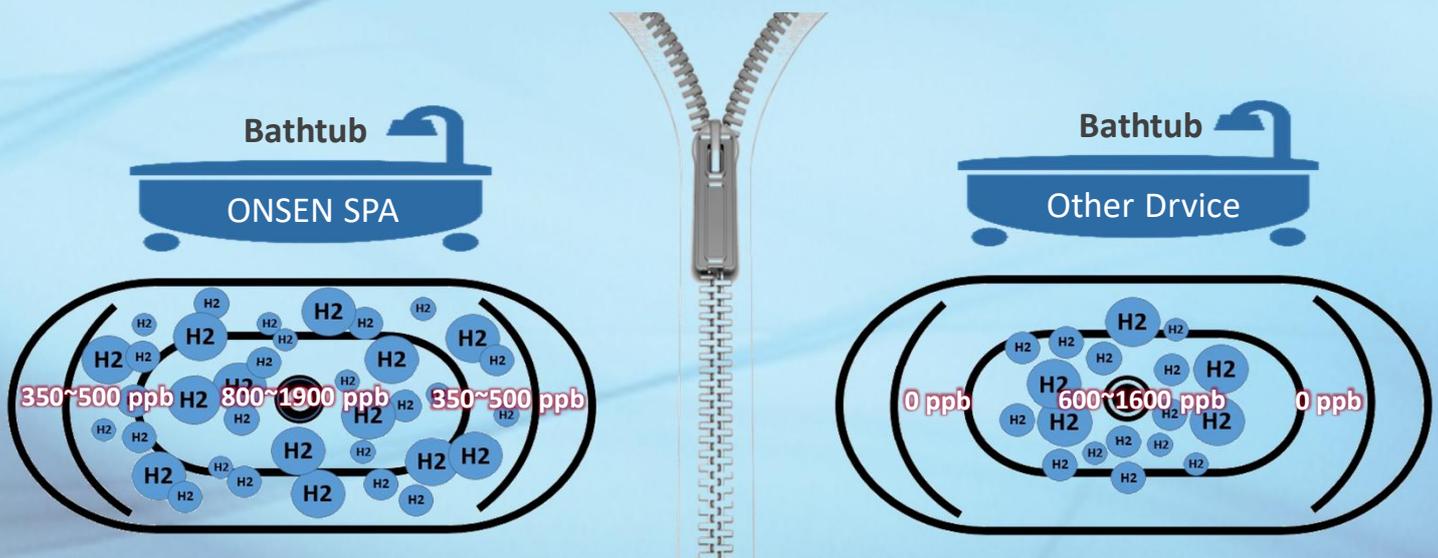
Dissolved Hydrogen (ppb)

- Higher dissolved hydrogen water can remove active oxygen effectively

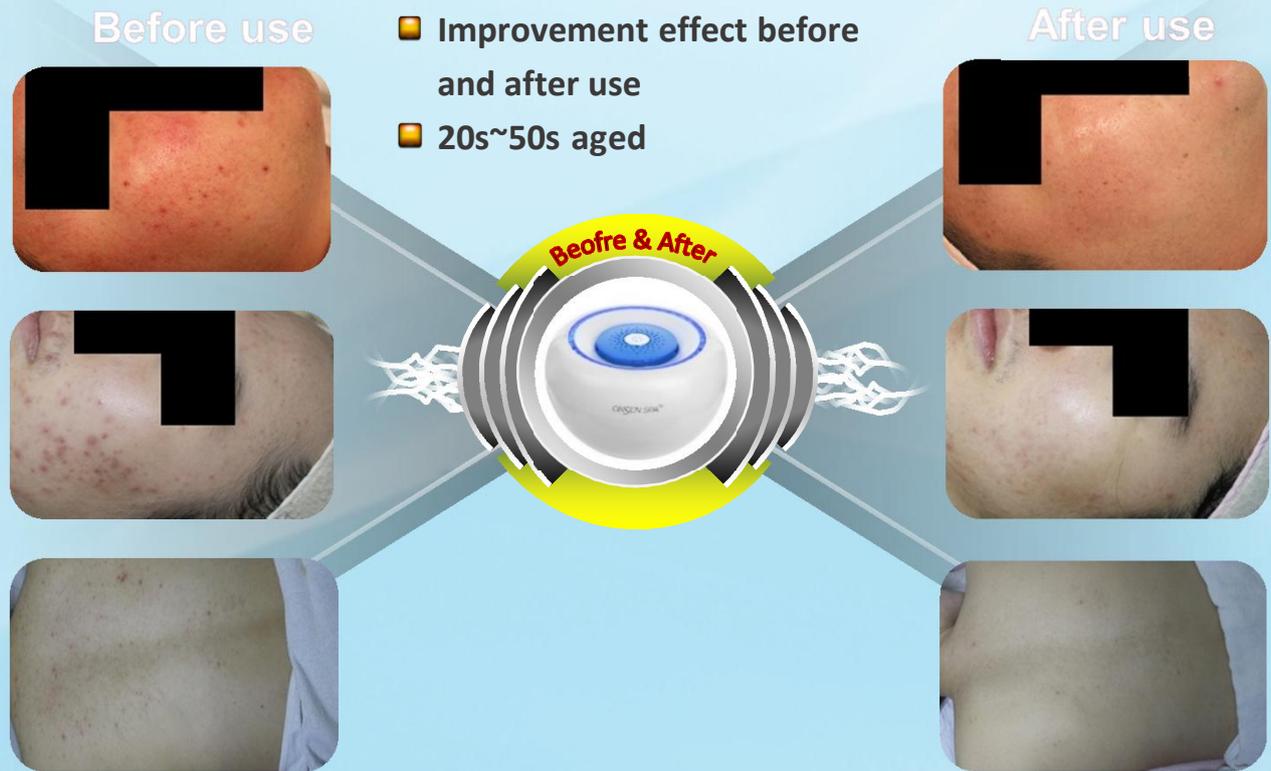


ONSEN SPA, Why Onsen Spa is more effectively?

The higher amount of hydrogen in the water, the greater effect of hydrogen



Customers who have experienced ONSEN SPA



ONSEN SPA Technology POINT



1. Use high quality platinum titanium

- Use of high-quality titanium platinum electrode for efficient Oxidation-Reduction

2. Semi-permanent use

- Can be used semi-permanently by using tap water without going to dermatology

3. Easy to use with one button

- Easy to create hydrogen with one button and carry

ONSEN SPA, Hydrogen electrolysis principle



- Negative current(-) flows to move the hydrogen cations(H⁺) to the negative(-) electrode,
- Positive current(+) flows and oxygen anion (O⁻) moves to positive(+) electrode.
- Negative(-) electrode takes from the electrons (Oxidation-Reduction) and produces an hydrogen gas.
- Positive(+) electrode loses the electron (Oxidising) and produces an oxygen gas.



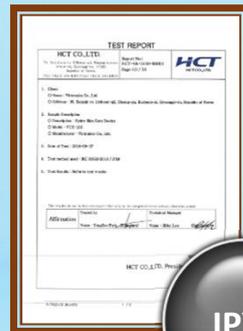
Certifications and Patents technology



Patent



Design Patent



IPX8



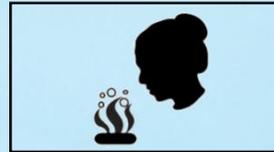
KC



KC Certification



IPX8 waterproof



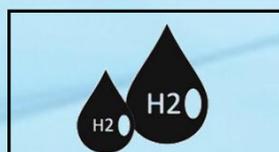
Enhance cosmetic effects



Patent technology



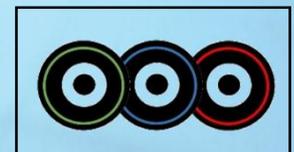
Easy charging



High density Hydrogen



Moveing Handle



LED Check status

LED Battery

Battery LED signal of remaining indicator

One touch power button battery check

Press the power button for 2 seconds and indicate battery LED signal



Over 5 times
(Full charging)



2~3 times
(20~80%)



1 time or low battery
(Less than 20%)

Product Information

Gift box

OnSen SPA



User Manual



Charging Adapter
(100V ~ 240V)



Air blower



Product Specification

● Model : VUH-100

● Product Name : ONSEN SPA (Hydrogen Generator For Wash & Bath)

General Features

Product photo	-
Device Size (Without Handle)	200Φ × H120mm
Box (Gift) Size	240(W) × 240(L) × 190(H) mm
Box (Carton) Size	280(W) × 520(L) × 220(H) mm
Weight (Device)	1,975g
Weight (Soft Pack / Gift Box)	3,025g
Weight (Carton Box)	6,850g (2 Box / Carton)
Material	Housing : ABS Electrode : Titanium Au Coating (0,15μm)
Color	White
Button Color	Bule / Red / Green
Device Logo	Onsen SPA

Technical Data

Voltage	DC 16,8V
Charging (Full Charging)	180min (3Hours)
Operating	20min / 5Times
Water Proof	IPX8
Hydrogen Generation	Water Electrolysis
Battery	Li ion 5,200 mAh

Accessory

AC Adapter	Input 100~220V (50/60Hz) 1,5A Outpou : 3,5A / 17V
Manual	1
Quick Guide	1
Air blower	1
Origin	Made in Korea

36, Samjak-ro 144beon-gil, Bucheon-si, Gyeonggi-do, Korea (87, Nae-dong)

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