

Nanobubble Hydrogen SPA Generator

HM-SPA500

World's First Nanobubble Hydrogen Generator



Innovation in Skin Immunity



500 million nano hydrogen bubbles generated per 1ml of water on average
(500 billion nano hydrogen bubbles generated per 1L of water)
High-tech device that is capable of generating over 300 trillion nano hydrogen bubbles in a bathtub.

Product Specifications

Product name : Nano-bubble Hydrogen SPA Machine

Model no : HM-SPA500

Flow rate : 4.8L per minute

Power : 100V ~ 240V / 50 ~ 60Hz / Max 3.5A

Water used : Distilled water

Capacity of distilled water tank : 1L

Bubble size : 90~99nm

Bubble quantity : Approx. 500 million bubbles per 1ml

Size : 50 x 41 x 100cm

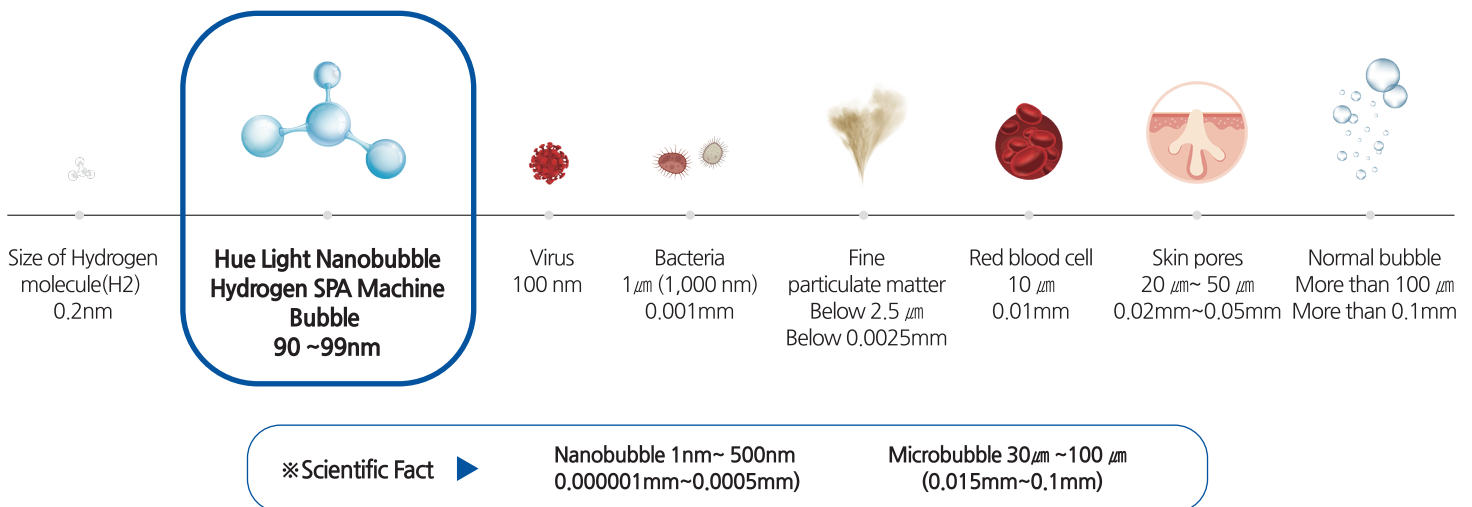
Weight : 34kg

What is Nanobubble hydrogen?

Nano bubble with diameter of less than 0.0001mm contains numerous hydrogen molecules

There are 3 main technological requirements for use in the medical and aesthetic fields -

1. Size of bubble. Smaller the bubble, the more advanced the technology, especially if the size bubbles are smaller than 200nm.
2. Amount of bubbles produced. There should be over 300 billion bubbles per 1 liter of water.
3. The number of hydrogen molecules with a size of 0.2nm within one bubble of 92nm.

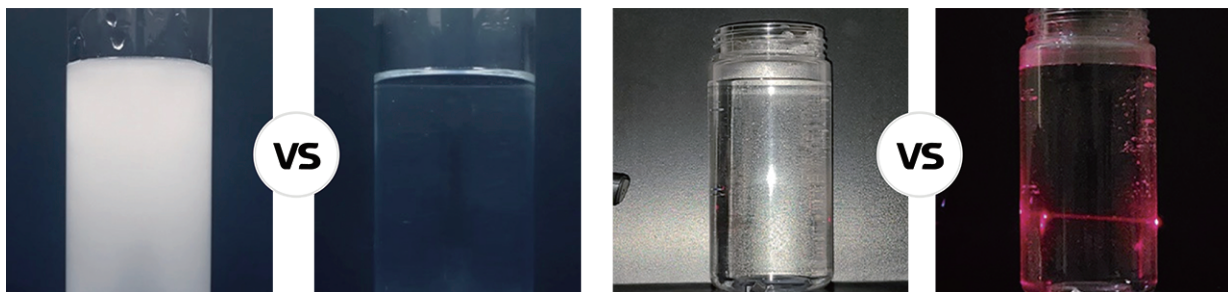


**Most beneficial
for the
following types
of conditions :**

- ✓ Itchy skin due to atopic-like symptoms
- ✓ Dry and rough skin with lots of dead cells
- ✓ Sensitive skin with frequent skin troubles
- ✓ Skins with lots of wastes in pores due to excessive exposure to fine dust and environmental pollution
- ✓ Seborrhic skin with large amount of sebum secreted in normal occasion
- ✓ Scalp with lots of dandruff and dead cell
- ✓ Seborreheic, oily scalp and concerned about hair loss

Do you know the differences between Nanobubble and Microbubble?

Nanobubbles and microbubbles are completely different things.



Microbubble

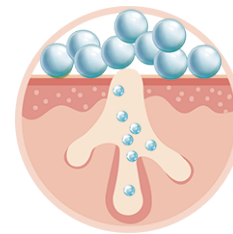
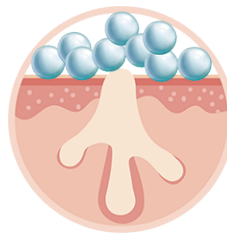
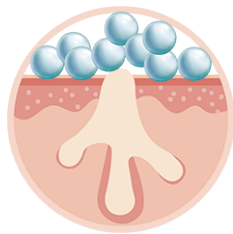
generated water seems white in a cup

Nanobubble

generated water seems clear in a cup
0.2 nm of hydrogen contained within nanobubble

Scattering phenomenon of nanobubbles can be seen when investigated with a laser pointer in a dark place.
Many H₂ molecules are contained in each single nanobubbles

Nano bubble is smaller than micro bubble by **100,000x**



	Regular tap water	Microbubble	Nanobubble
Size of water molecule	Cannot be measured	Almost same with skin pores	Smaller than skin pores by 500 times
Cleansing of pore	Impossible	Partially	Thoroughly
Moisturizing	Takes lots of time	Takes lots of time	Takes little time

Size Comparison



Skin Pore
30~50µm



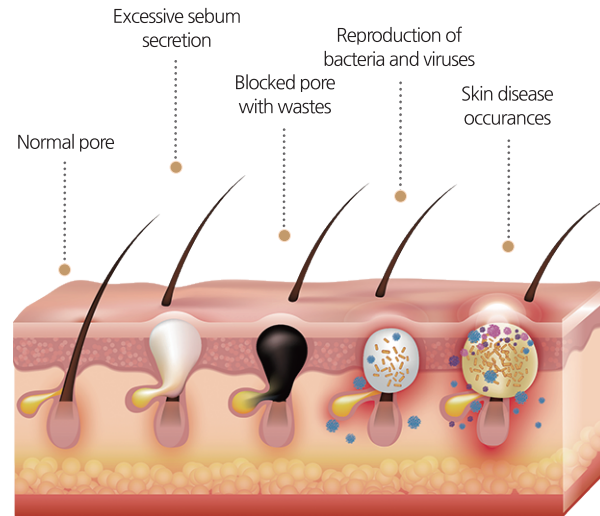
Microbubble
20~100µm



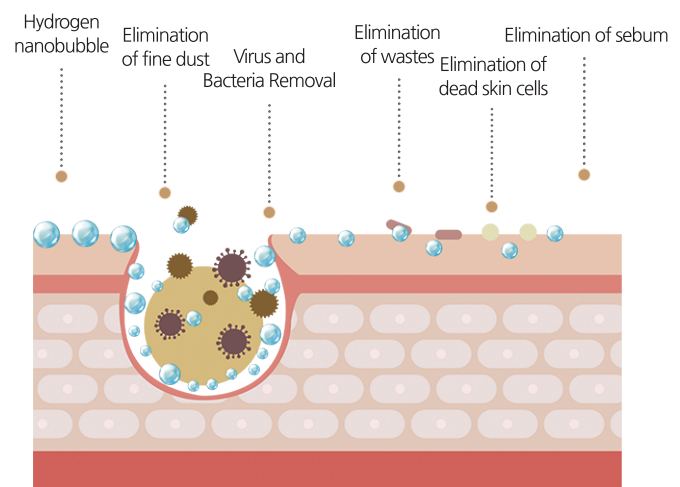
Nanobubble
Diameter smaller than 1 µm and larger than 1 nm

I One main cause of skin diseases is excess wastes within the pores

Hydrogen as anti-oxidation eliminates skin's infection, bacteria, and viruses



I Nanobubbles containing hydrogen cleanse the inner parts of the pores



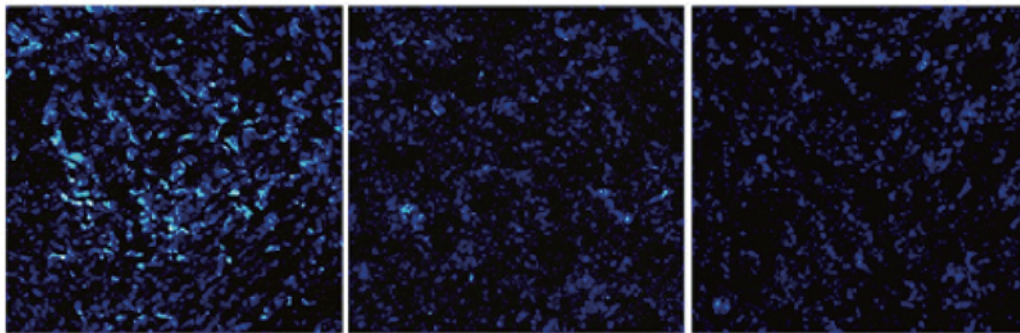
I Skin issues are dealt with nano hydrogen



Skin change doesn't happen overnight

Real change occurs slowly over time

Skin improvement using nano hydrogen



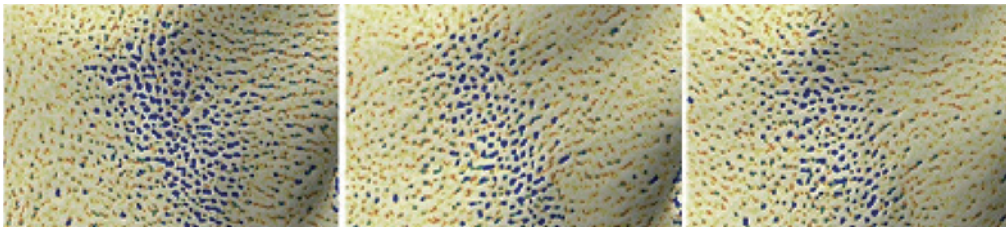
Before usage

1 week
after usage

2 week
after usage

Pore improvement

Deep cleansing of the pores restores the elasticity and hygiene of the skin



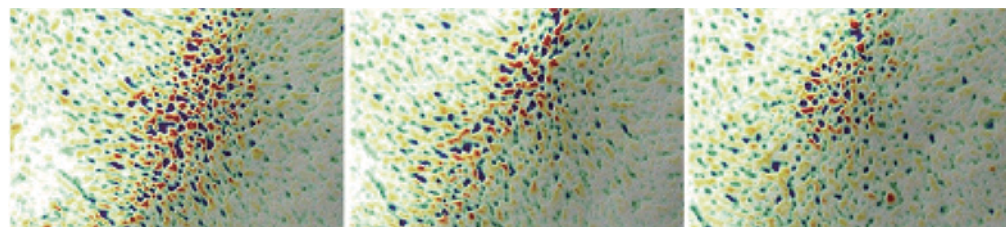
Before usage

1 week
after usage

2 week
after usage

Skin texture improvement

Moisturizing deep inside the skin will transform dry leathery skin back to soft skin



Before usage

1 week
after usage

2 week
after usage

Nanobubble Hydrogen HM-SPA500

Routine usage can create exceptional results.

Effect of Nanobubbles

- ✓ Cleansing of wastes within pores
- ✓ Skin moisturizing
- ✓ Improvement of skin texture
- ✓ Generation of anions
- ✓ Reduction of hair loss
- ✓ Improvement of scalp health
- ✓ Improvement of various skin diseases

Point1 :



Cleansing of Pore and Scalp

Nanobubbles excel in cleansing the pores by removing sebum, wastes, and dust due to the fact that it is 500 times smaller than a normal size pore.

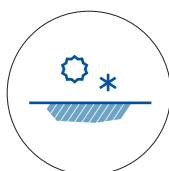
Point2 :



Moisturizing Effect

Nanobubbles comprised of hydrogen are highly effective at moisturizing the skin because they can deliver fine moisture deep into the pores and within the skin.

Point3 :



Elimination of Fine Particulate Matter

Nanobubbles attract and remove various pollutants due to their negatively charged surface. They can eliminate microscopic pollutants smaller than micrometers, which microbubbles cannot.



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