



# Hydra touch *H2*

Hydratouch H2! "Peeling" & "H2 Care" at once!

Now, it is time to be free from Sebum, Dead Skins  
and Reactive Oxygen Species ("ROS") which causes aging!!

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# Hydratouch H<sub>2</sub>?

All around treatment for  
Acne, Sebum, Removing ROS,  
Solution Penetration, Skin Lifting

Hydracare H<sub>2</sub> Fully Protects your Skin.





**Hydratouch  $H_2$ ,  
Experience  
High-Concentrated  
Hydrogen Therapy!**



# Components for Convenient Treatment



[Handpiece]



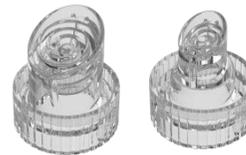
Y Handpiece



Electroporation Handpiece



Aqua Handpiece + Cap



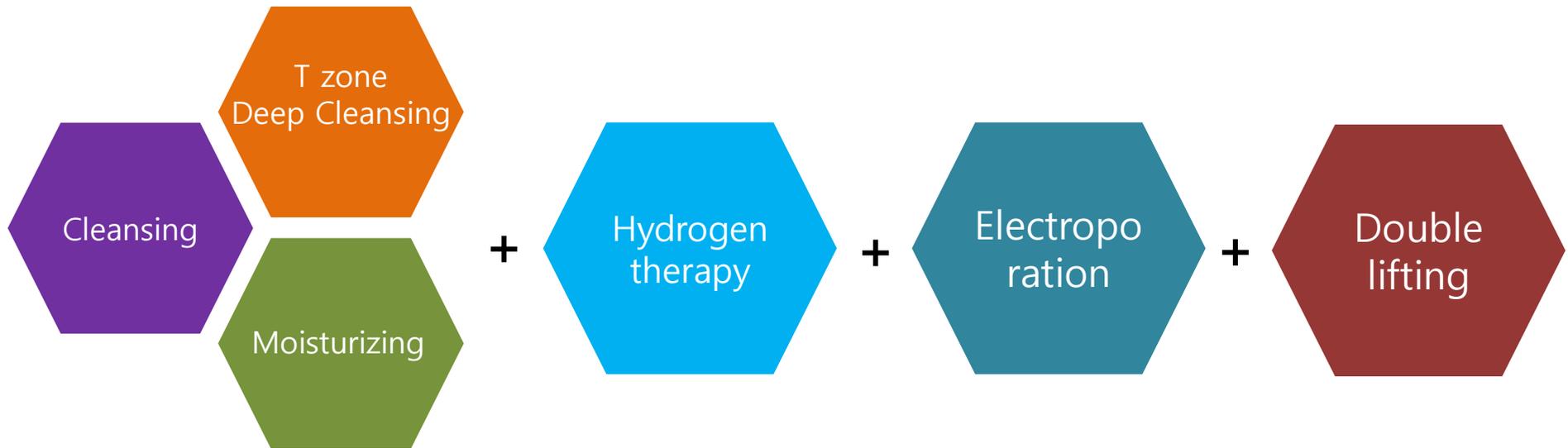
[Aqua tips]



[H2 module]



# Six function of Hydratouch H2

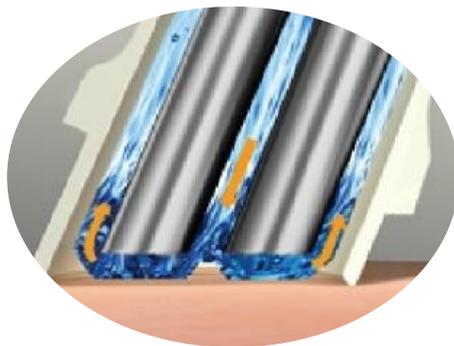




# Aquaclean Technology



- ❖ Definition: The solution sprayed from the center of tip reaches skin and extracts Acne and Sebum.
- ❖ **Electro Mechanism:** With optimized vacuum pressure from 15kPa to 80kPa, (120~600mmhg) safe and effective treatment for all skin types from thin and sensitive to thick and dull is possible with one system.



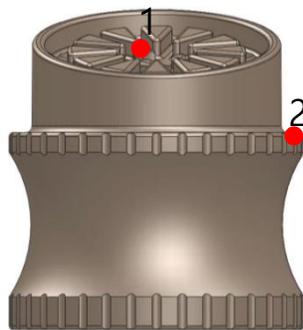
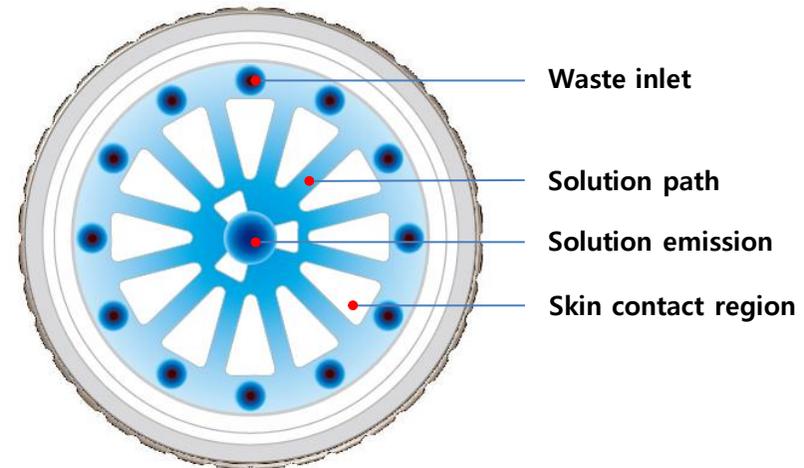
## ❖ features and advantage

- Applying **different** types of tips:  
Providing Large and Small size tips for practical use on various treatment purposes
- **Easy-Control of flow and suction pressures:**  
Simple dial type panels make control easy



# Structure of Aqua tips

- ❖ **Principle:** Solution is emitted from the central aperture and spread along the solution path while in contact with the skin, dissolving impurities then exits through the waste inlet port.



## Tip Projecting Structure

- The area which is directly contacted to the skin prevents the skin from being inhaled while the solution suction proceeds.



## Tip Handle

- The grooves at the handle make tips equip or unequip easily.



# Structure of Aqua tips

## ➤ Specialized radial style tips

Cleansing & Exfoliation  
By vacuum 

Atopy and inflammation  
improvement 

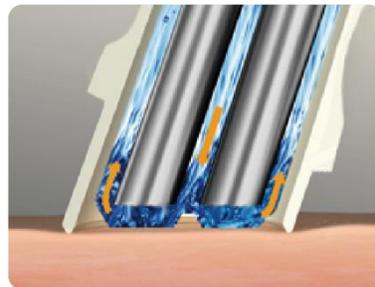
Effective solution  
penetration 

: it rotates with a strong radial principle, and by sucking waste materials, it is possible to remove wastes from the pores without scratching the skin



**1<sup>st</sup> Step** Remove dead skin cells  
And clarify pores

A tip rotates with a radical principle and sucks dead skin cells and sludge inside pores



**2<sup>nd</sup> Step** Intensive T-Zone blackhead  
And dead skin removal

AHA, BHA Solutions help removing Waste materials effectively



**3<sup>rd</sup> Step** Moisturizing and soothing

It gives nutrition and moisture in the clarified Pores with highly concentrated essence



# Hydratouch H2's Solutions

S1



## AHA (fruit extracts/exfoliate) Alpha Hydroxyl Acid

Naturally existing fruit extracts, AHA has characteristics of being easily soluble in water. Before the christ to current times, AHA has been used for safe and effective skin care.

Type Lactic Acid / Malic Acid / Citric Acid / Glycolic Acid

S2



## BHA (plant extracts/oil control) Beta Hydroxyl Acid

Has characteristics of oil control which is effective for deep penetration in between cellular structure enabling care for ACNE skin.

Type Salicylic Acid

S3



## Hydration (Moisture element)

Portulaca extract is highly effective for inflammation and wound healing. It is also effective for calming the upset skin after treatments.



# Hydratouch $H_2$ : Hydrogen Water Module

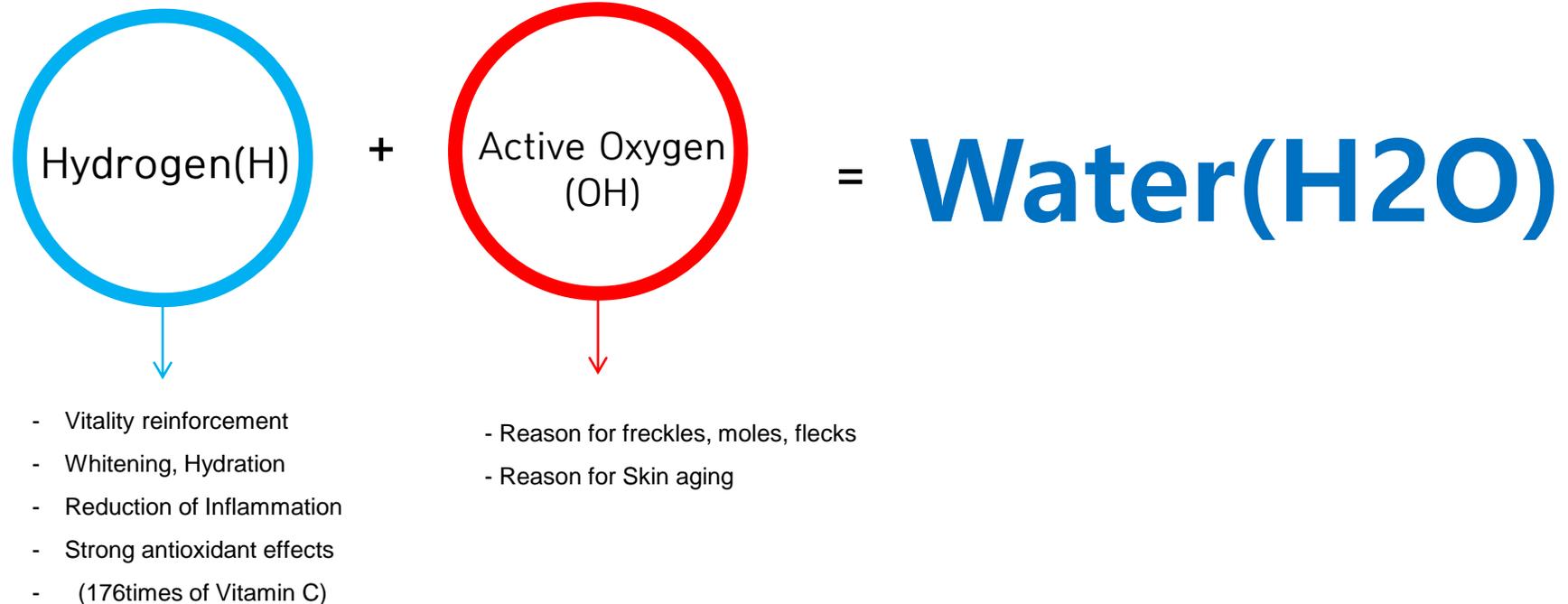


- ✓ Installation of drinkable standard hydrogen water generating Device
- ✓ Over 1500ppb High-concentrated hydrogen water generation
- ✓ Penetration of fine hydrogen water particles into the Skin



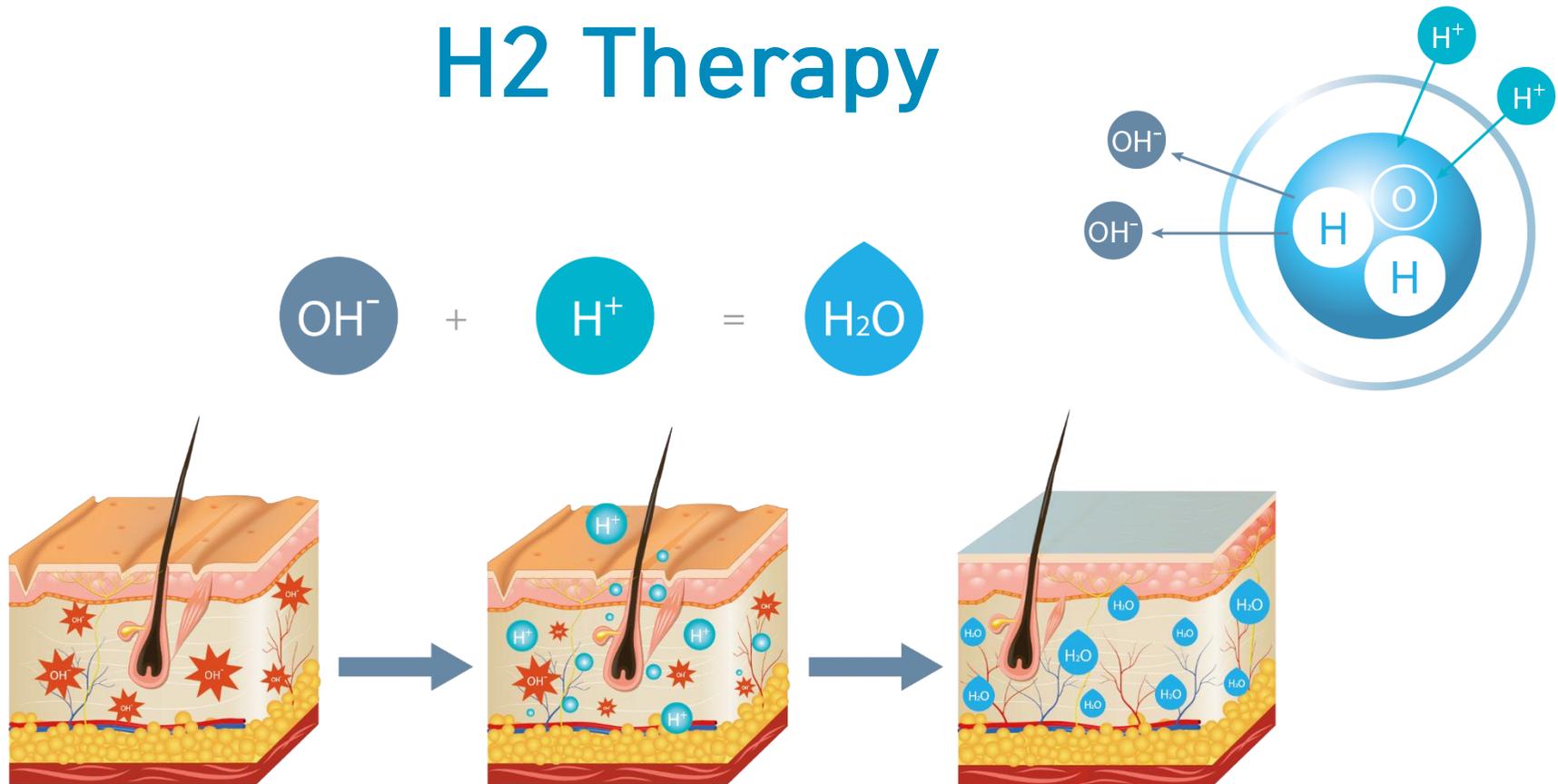
# H2 Therapy

👉 The therapy is working by combining harmful active oxygen with hydrogen then eliminate the harmful oxygen from the body through water (sweat).





# H<sub>2</sub> Therapy



Hydrogen peeling uses a radial, spiral tip to directly infiltrate hydrogen into the skin lesion area, eliminating ROS (Free Radicals and Reactive Oxygen species) and returning damaged cells by Oxidative stress to healthy cells.



# H2 Therapy

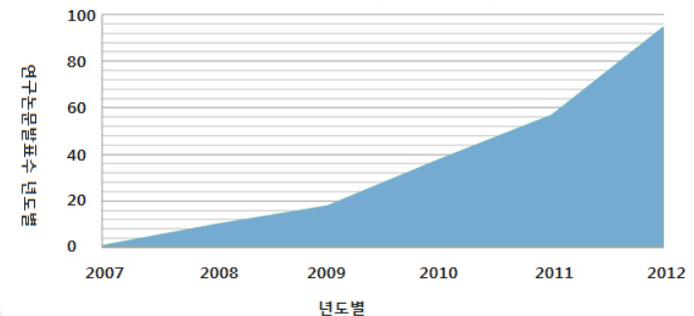
1) Professor Oota sigeo Research team in May 2007 (Journal Nature Medicine)

- ✓ **Hydrogen combines harmful active oxygen became harmless water.**
- ✓ **Hydrogen is able to exert an antioxidant effect, suppressing inflammation by ultraviolet rays and protect the skin from aging.**

2) In 1997, S. Shirahata. (Journal BBRC )

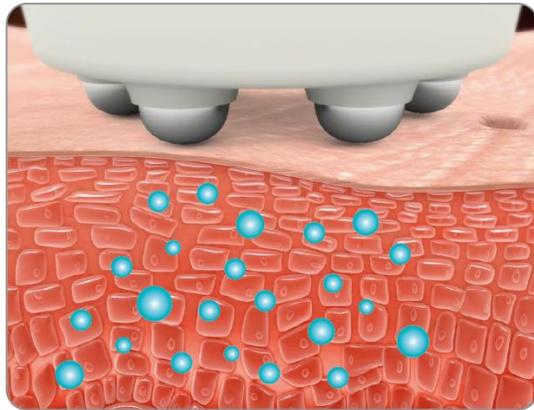
- ✓ **Consumption of hydrogen water eliminates active oxygen and protects human DNA from oxidative damage.**

3) Other notable increases in the number of research related to the global health care sector :  
rapid increase in academic interest of hydrogen water effects .

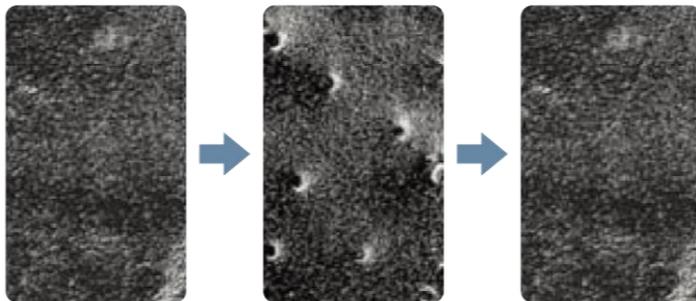




# HydratouchH<sub>2</sub>'s Penetration



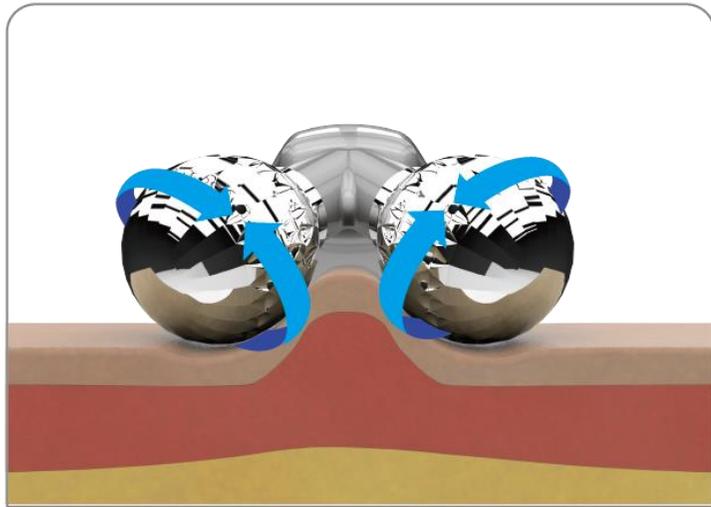
- ✓ Electroporation Mechanism
- ✓ The delivery of solutions through the holes which are temporary opened on skin cell membranes and tissues.
- ✓ Direct penetration of various solutions without any damages or transformation of biological system and its functions



전기적 펄스가 짧은 시간 세포막에 일시적 holes 만들고 다시 닫히게 된다. (가역적 반응)



# HydracareH<sub>2</sub>'s Double Lifting



- ✓ Designed a 360-degree rotating kneading massage ball
- ✓ Muscle massage through deep stimulation
- ✓ Skin Regeneration, Muscle relaxation, Waste Excretion, Activating lymph circulation
- ✓ Strengthening skin tightening and lifting effect



# HydracareH<sub>2</sub>'s Kneading Massage

👉 'Kneading' means a thumb and index finger massage.



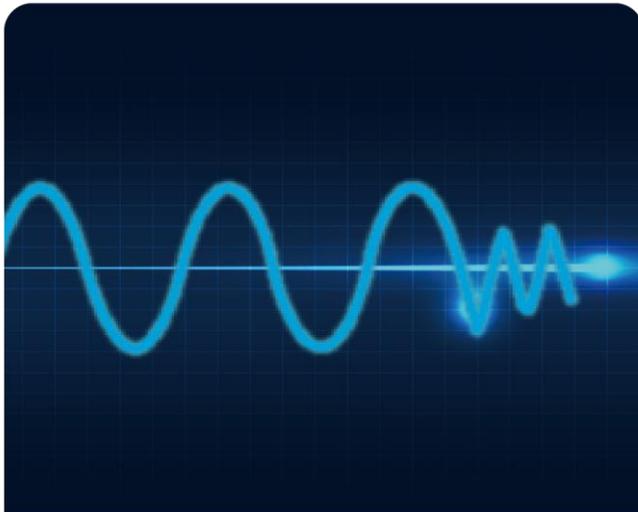
Water drop-shape deco design, different from other kneading massage devices, enables rolling with minimum frictions even for the skin which is covered by the solutions for medium frequency.

Considering pressure to the skin, the contact surface of ball is softly designed to prevent from sparks caused by contact failure of medium frequency and deliver smooth feel only.



# Features of Medium-Low Frequency

 **Massage with repeating muscle contraction and relaxation,  
Enhancing nerve relaxation and blood circulation**



- ✓ Performing 1Hz sine wave with 1KHz medium frequency
- ✓ Alleviate characteristic pain of 1Khz
- ✓ Skin Regeneration, Muscle relaxation, Waste Excretion, Activating lymph circulation
- ✓ Strengthening skin tightening and lifting effect



# Advantages



- ✓ Hypoallergenic Peeling + Deep Cleansing
- ✓ Moisturizing
- ✓ Skin vitality reinforcement
- ✓ Skin whitening
- ✓ Fine Wrinkles Prevention
- ✓ Improvement of atopic dermatitis and inflammation
- ✓ Management of antioxidant (176 times of vitamin C)
- ✓ Effective Solution Penetration
- ✓ Double Lifting



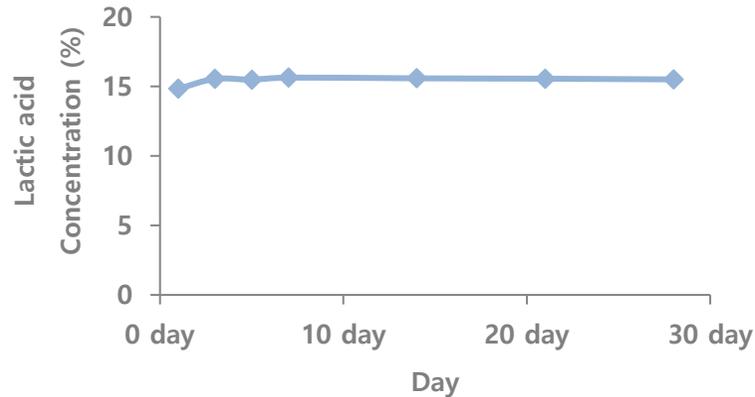
# Specifications

<b>Energy Type</b>	Aqua cleansing / H <sub>2</sub> / Electroporation / Medium-low frequency
<b>Input power</b>	AC 100 - 220V / 220-240V, 50/60Hz
<b>Weight(kg)</b>	14kg
<b>Dimension (WxDxH mm)</b>	434 x 383 x 415.5



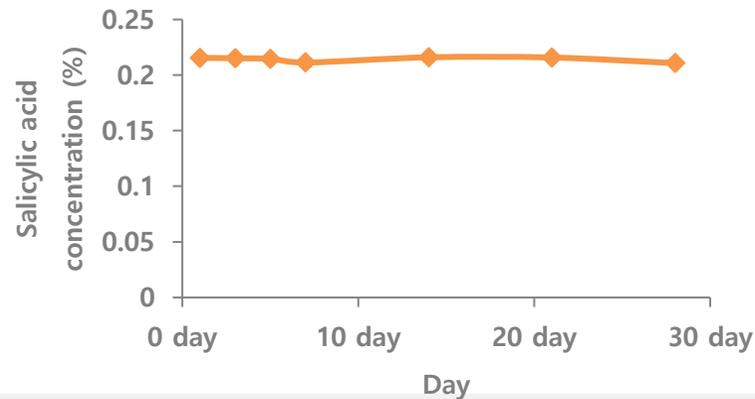
# HydratouchH2's solution stability

S1



- ✓ Dilute the solution in distilled water and proceed with active ingredient analysis (HPLC)
- ✓ Results of Analysis of Active Ingredients for 4 Weeks
- ✓ Ensures **active ingredient stability** even after dilution during 4 weeks

S2





# THANK YOU

FOR FURTHER INFORMATION, PLEASE CONTACT US AT  
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