s.u.i

Water Ionizer Machine

*The name "**Sui**" originates from the Japanese character for water 水 and it means water.*

***Inspired** by the gentle ripples of spring water in the forest. This design beautifully reflects water's inherent grace through its elegant lines and fluid movement. This approach not only embodies the Eastern philosophy of humanity's harmonious coexistence with nature but also enriches the product with aesthetic depth. Every curve and subtle undulation captures the essence of pure water, brimming with revitalizing negative ions. This creates a visual symphony that invites the user to experience nature's purest calm.*

s.u.i 's clean lines and intuitive operation make it a welcome addition to the contemporary home.

Water Ionizer Machine

7 Key Features of Electrolyzed Hydrogen Water

Hydrogen Water : *your household water is instantly transformed into electrolyzed hydrogen water.*
It can be used for drinking, preparing beverages, washing ingredients, cooking, and more.

Level 1

For Drinking (When First Starting)

Hydrogen Water : *your household water is instantly transformed into electrolyzed hydrogen water.*
It can be used for drinking, preparing beverages, washing ingredients, cooking, and more.

Level 2

For Drinking , Cooking Rice

Hydrogen Water : *your household water is instantly transformed into electrolyzed hydrogen water.*
It can be used for drinking, preparing beverages, washing ingredients, cooking, and more.

Level 3

For Drinking, Coffee, Tea, Hotpots, Soups, etc.

Hydrogen Water : *your household water is instantly transformed into electrolyzed hydrogen water.*
It can be used for drinking, preparing beverages, washing ingredients, cooking, and more.

Level 4

For Cooking (Boiling, Skimming, etc.)


Acidic Water : *Another type of water produced through electrolysis.*
It's Ideal for washing your face or as aleaning water to make household chores easier.

Level 1

For Washing Face (Mildly Acidic, Close to Skin)
Not for Drinking

Acidic Water : *Another type of water produced through electrolysis.*
It's Ideal for washing your face or as aleaning water to make household chores easier.

Level 2

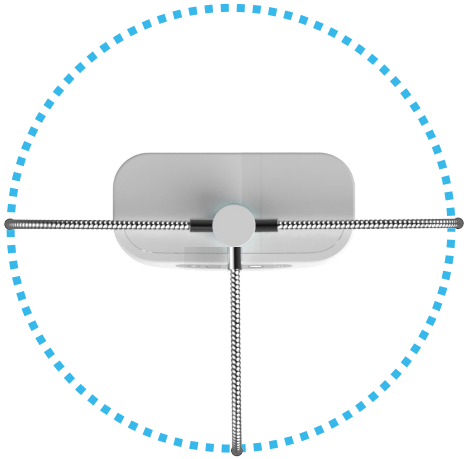
For Washing Dishes, Wiping Surfaces, etc.
Not for Drinking

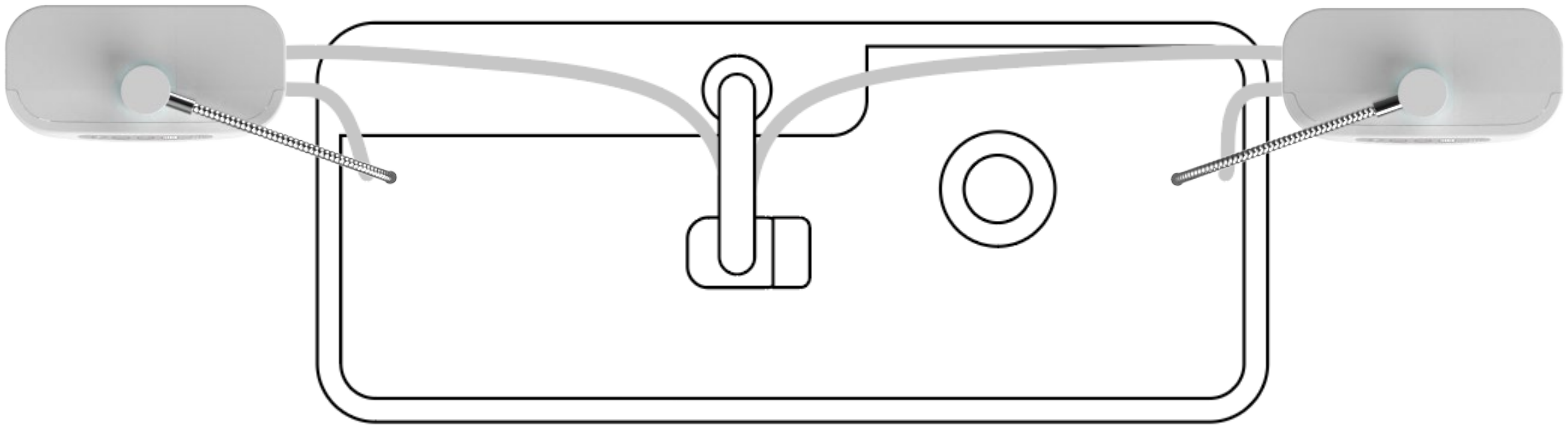

Purified Water **:** *The base water produced by "s.u.i".*
This water has superior purification capabilities, removing 22 substances like chlorine and lead.

Level 2

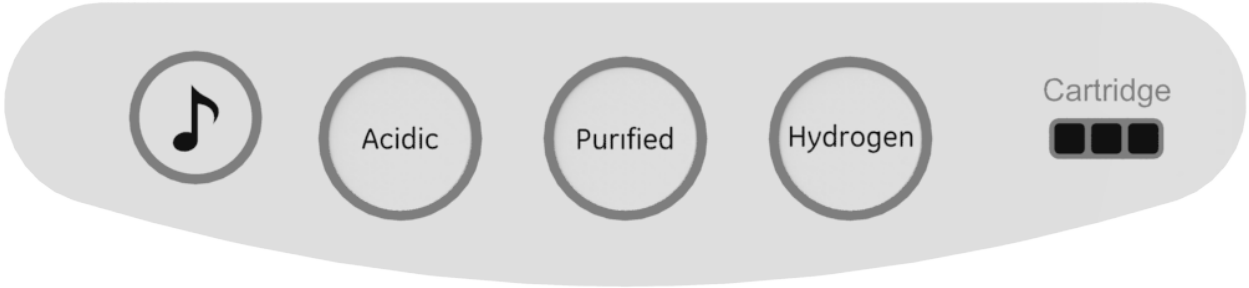
For Drinking (Taking Medicine)
Preparing Baby Formula, etc.)


Flexible Installation *: A 360-degree rotating flexible pipe significantly increases freedom in placement.*

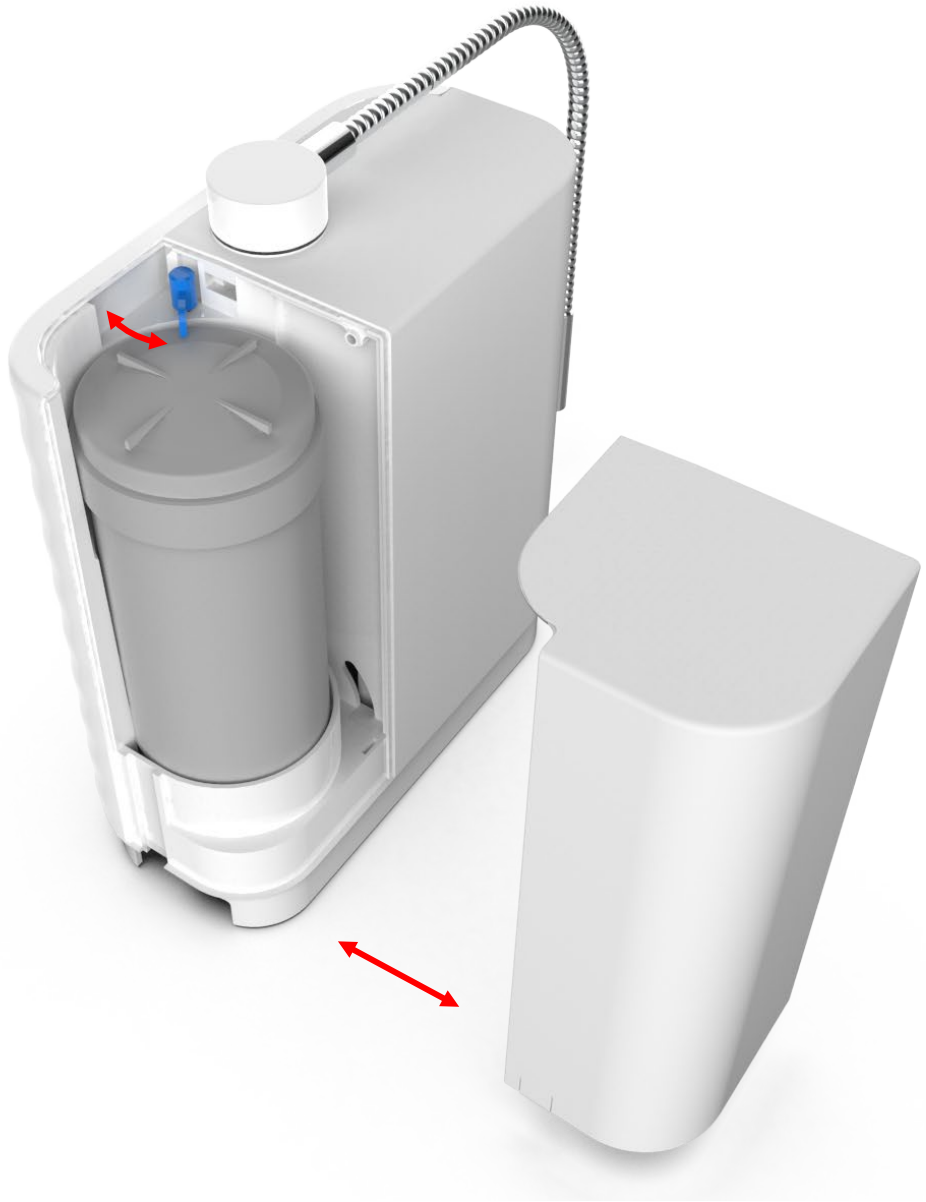




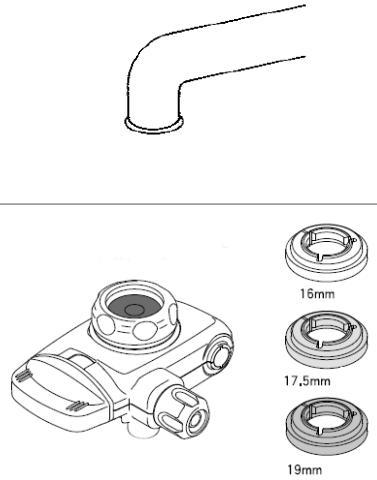
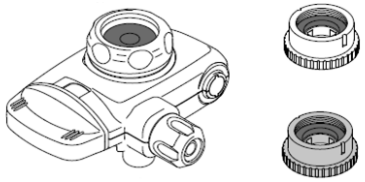
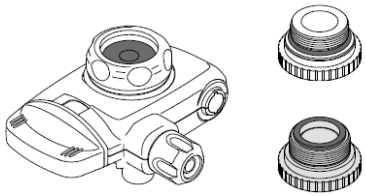
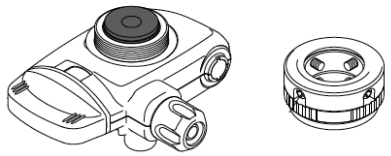
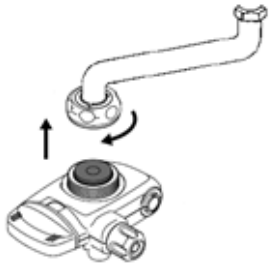
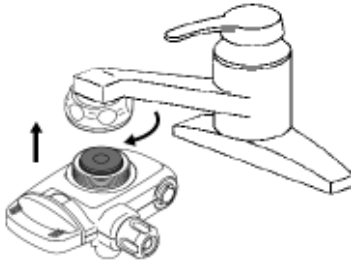
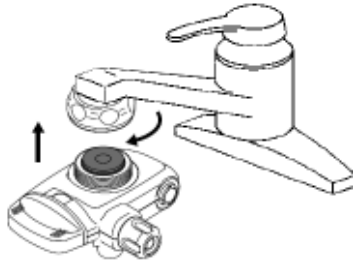
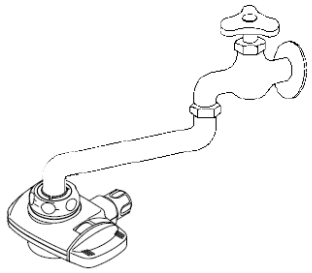
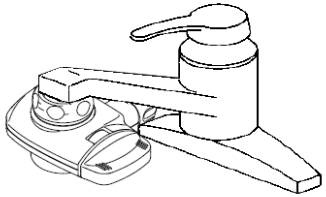
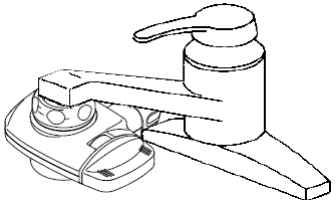
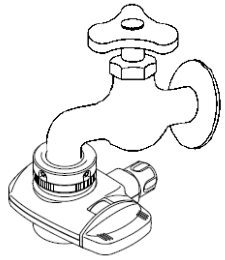
Intuitive Control Panel Design : *Minimalist design with essential buttons and LED indicators.*



Easy Maintenance : *Simply remove the cover on the back right, release the locking lever, pull up the old cartridge, and replace It with a new one.*

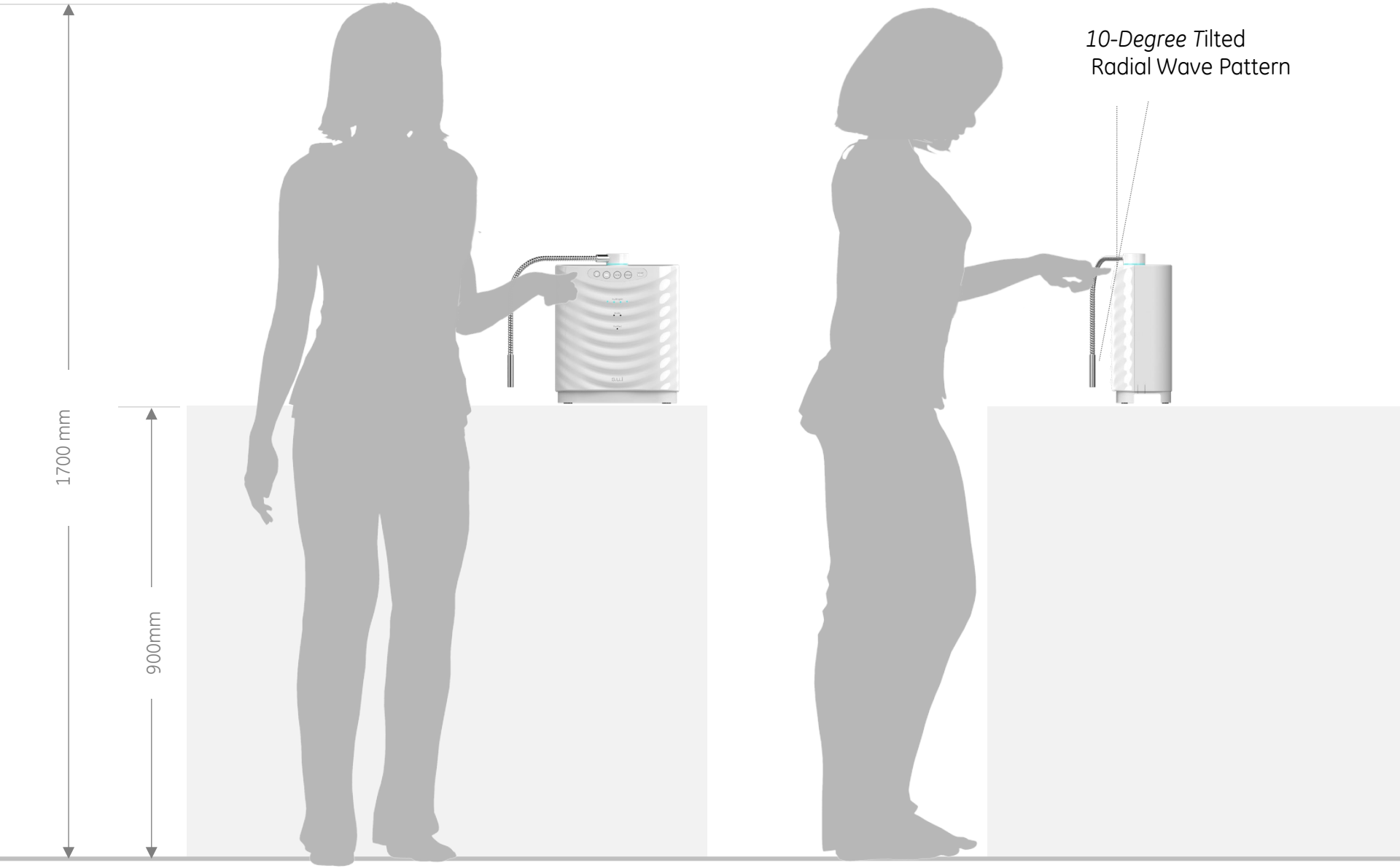


Easy Faucet Installation Parts *: The kit includes parts designed for four different faucet types.*

TYPE-❶	TYPE-❷	TYPE-❸	TYPE-❹
			
			
			

Easy Installation Completion Diagram

Ease of Pressing and Visibility : *Buttons are spaced for easy pressing and positioned on a 10-degree tilted panel. The LEDs are arranged radially in stepped increments by function, enhancing visibility.*



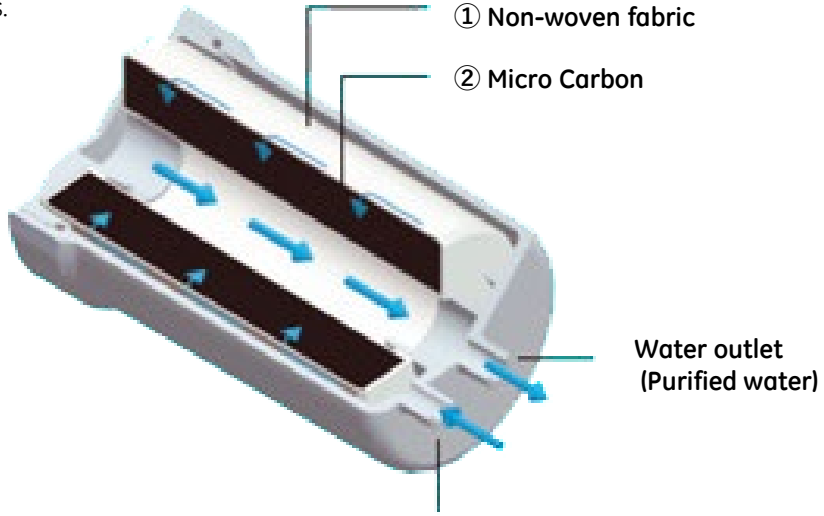
Design for Recyclability : *Front cover 's mirror-finish, paint-free cabinets offer a dual advantage*
They are environmentally friendly .
Easy to cean.

ECO

Unique Design.

Excellent Water Purification Performance

Removes 22 Substances: High-Performance Water Purification Cartridge
By Using Ultra-Fine Activated Carbon (Micro Carbon), High Water Purification Capability Is Achieved.
It Quickly Adsorbs Dissolved Substances and Also Removes Minute Particles.



22 Substances for Removal
1.Residual chlorine
2.Turbidity
3.Chloroform
4.Bromodichloromethane
5.Dibromochloromethane
6.Bromoform
7.Tetrachloroethylene
8.Trichloroethylene
9.Total trihalomethane ※1
10.CAT (Pesticides) ※2
11.2-MIB (Mold Odor) ※3
12.Dissolved lead
13.1,2-DCE ※4
14.Benzene
15.Geosmin (Mold Odor)
16.Anion surfactants
17.Phenols
18.PFOS and PFOA ※5,6
19.Iron (particulate) ※6
20.Iron (soluble) ※6
21.Manganese (soluble) ※6
22.Aluminum (neutral) ※6

Activated Carbon with NSF Certification ※ Obtained
[NSF Certification Manufacturer/Product Name] Kuraray Chemical Co., Ltd. / T-SCO 60 / 150THM Futamura Chemical Co., Ltd. / CN8200G
•NSF International is a globally recognized public health and safety organization. Certification is not granted unless clear criteria are met.

Notes:
※1. Chloroform, Bromodichloromethane, Dibromochloromethane, Bromoform are all types of trihalomethanes.
※2. 2,4-dichlorophenoxyacetic acid, 2,4,5-trichlorophenoxyacetic acid, 1,3,5-triazine, and other commonly used agricultural chemicals.
※3. 2-methylisoborneol, a substance that causes moldy odor in tap water.
※ 4. Cis-1,2-dichloroethylene and trans-1,2-dichloroethylene are isomers.
※5. Per- and polyfluoroalkyl substances (PFAS) are a type of.
※6. Substances specified by JWPA B standard.

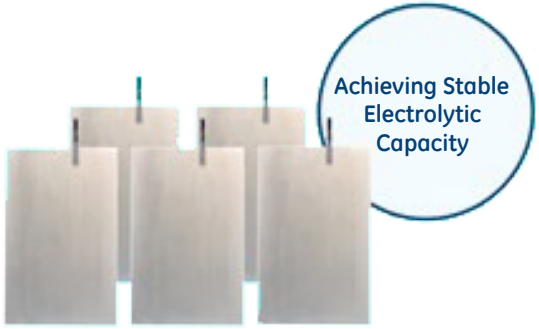
Bold Vision: *To break away from the conventional "Boxy " designs that dominate the market and create something truly unconventional, Dynamic, and Authentic beyond the trend.*

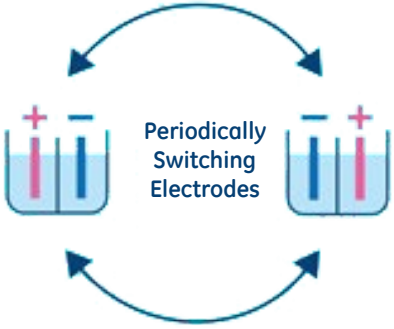
Design Trend In Current Market

s.u.i design

We challenged this status quo through innovative thinking, translating the desire for "Authenticity, Not Trends" into a Water-Inspired, Story-Driven design that stands apart.

Nihon Trim's Unique Innovative Technologies : *Nihon Trim Has Developed Unique Innovative Technologies Primarily Based on "Electrolyzed Hydrogen Water" and Is Applying Them in Various Fields. Their Key Technologies and Application Areas Are as Below.*





Long-Lasting Electrode Lifespan: Approx. 2,000 Hours Achieving Stable Electrolytic Capacity

The electrode plates, which largely generate hydrogen, resist deterioration due to durability and resistance to oxidation, even when used for approximately 1,200 hours (10 hours per day, 120 days per year). The system maintains stable electrolytic capacity for about 4,000 hours (approximately 10 years).

Maintenance-free: achieved through proprietary technology Electrodes periodically switched

Manual cleaning or regular maintenance of the internal components is not necessary. To prevent mineral buildup on the electrodes, a "double-auto change cross-line method" is employed, which periodically switches the electrodes.

Eco mode also available: equipped with water intake ratio adjustment function

"Sui" features an adjustment function for the water intake/discharge ratio (standard 5:1). Through electrolysis, two types of water (electrolyzed water and acidic water) are produced simultaneously. This allows you to change the ratio to further reduce wastewater by increasing the amount of water intake.

Ecological and Economical

water purification cartridge

=

Approx.10,000 L

Ecological

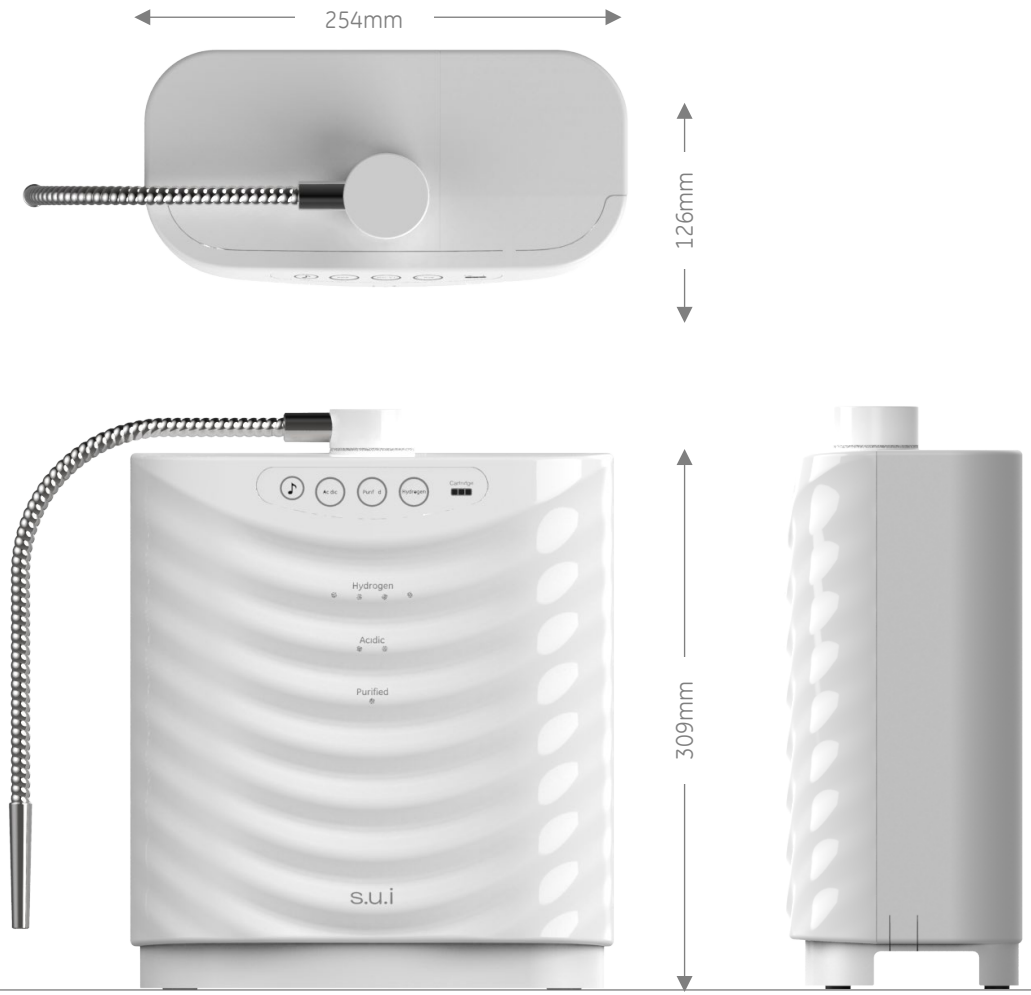
<

10,000 liters of purification capacity from a single cartridge The purification capacity of the dedicated "Sui" cartridge is approximately **10,000 liters**. This offers a significant cost advantage and helps create an eco-friendly water environment by reducing the use of plastic bottles.
Replacement guideline: 12 months or total water volume: 10,000 liters (The image displays a filter cartridge alongside six 2-liter PET bottles, indicating "2 liters of PET bottle" and “Approx, 4,165 bottles," accompanied by an "ECO" mark) *The timing for replacing the water purification cartridge varies depending on water volume, water quality, and water pressure. *Replacement timing is indicated by a lamp and voice guidance on the main unit. *Purification capacity is 10,000 liters: calculated as the amount of purified water produced by subtracting wastewater (approx. 16.7%) and assuming a water intake/discharge ratio of 5:1.

s.u.i
Per 1 Liter
Approx
¥7 (0.041 Euros)

Typical Mineral Water
Per 1 Liter
Approx
¥100 (0.59 Euros)

Dimension And Weight



Weight 3.3kg

Category	Medical Device	Rated Water Flow	Electrolyzed water approx. 4 liters/min (max.) Acidic water approx. 4 liters/min (max.) Purified water approx. 5 liters/min (max.)
Sales Name	s.u.i	Water Discharge Ratio	5:1
Medical Device Manufacturing Certification Number	305AGBZX00019000	Usable Water Temperature	Below 35℃
Rated Voltage	AC100V	Main Unit Weight	Approx. 3.3kg
Rated Frequency	50-60Hz	Power Cord Length	Approx. 2.7m
Rated Current	AC4.5A	Main Unit Dimensions	254.4 (W) x 308.7 (H) x 126.2 (D) mm
Standby Power	Approx. 0.8W	Electrolytic Cell Cleaning Method	Double Auto-Change Cross-Line Method
Power Consumption	Approx. 260W	Power Circuit	Switching Regulator Control Method
Isolated Electrolytic Cell Voltage	50V (max.)	Main Unit Functions	Electrolytic Cell Water Flow Detection & lt ; br>Water Leakage Detection Alarm (Prevents excessive water pressure)&l t ;br>Rated Current Control Circuit & lt ;br>Overheat Protection Device &lt ;br>Fuse (Built-in circuit board): 8.0A
Number of Isolated Electrolytic Cells (Electrodes)	4 cells (8 electrodes) Platinum-coated electrodes (5 electrodes)		
Electrode Lifespan	Approx. 2000 hours of operation (varies depending on water quality, water volume, and usage conditions)		
Method of Producing Electrolyzed Water	1-way method		