



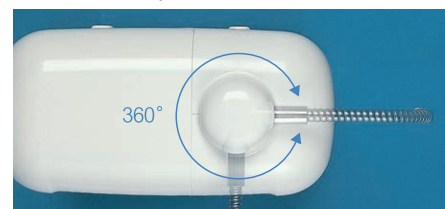
Fully featured TRIM ION TI-9000 makes water that is delicious and good for your health. It has a compact design and is a one-way type.

1 Micro-carbon cartridge with NSF-certified activated carbon

NSF-certified activated carbon (co-developed by Nihon Trim) is used for our Premium Micro-Carbon BMa Cartridge. [NSF-certified activated carbon manufacturer/Product no.]
 • Kuraray Co., Ltd./T-SCO 60/150THM
 • Futamura Chemical Co., Ltd./CN8200G
 Micro-carbon is a porous carbon material that has countless micro pores on its interior and thoroughly removes 22 substances.

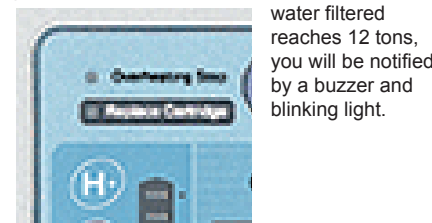
5 One-way type Keeping things tidy around the faucet

The tap water supply hose is connected to the faucet to draw out electrolyzed hydrogen water, acidic water, and purified water from the swivel faucet on top of the appliance. The swivel faucet can be rotated 360 degrees, allowing you to add water to a variety of containers.



6 Buzzer and light to indicate when to replace cartridges

The filtering capacity of TRIM ION TI-9000 is around 12 tons. Water volume is calculated by the integrated flow meter. Once a year has passed since first use or the total amount of



7 Larger operation panel for improved visibility and use

The larger operation panel allows for easy operation.



4 Switching regulator control system

Nihon Trim employs a unique technology that automatically regulates the electrolysis process and handles variations in water quality due to seasonal and regional factors to generate electrolyzed hydrogen water that is always the same concentration. This control system uses environmentally-friendly technology that ensures efficient power conversion and effective use of electricity.

8 Melody and light to indicate electrolyzed hydrogen water generation

A melody accompanied by 10 flashing blue LED lights will indicate when electrolyzed hydrogen water is being generated. If it is too loud, the volume of the music can be adjusted.

9 Ratio of water intake to drainage is approx. 5 to 1

Water intake balance between electrolyzed hydrogen water and acidic water is approximately 5 to 1, so you can use electrolyzed hydrogen water in your daily life without stress.

10 Full range of attachable adapters for branch faucet

It comes with a total of eight types of adapters, so it can be attached easily to all standard types of faucet.



11 Excessive current prevention device

Electrolyzing tap water that is rich in electrolytes may cause an abnormal surge in electric current. To prevent this, TRIM ION TI-9000 is designed to stabilize the flow of electricity.

12 Overheating prevention device

Overheating may occur in regions with electrolyte-rich tap water. TRIM ION TI-9000 is equipped with a safety mechanism that prevents the appliance from overheating and ensure its continued safe operation.

13 Surge protector against indirect lightning strikes

This safety feature activates the appliance's protective circuits in the event of an indirect lightning strike.

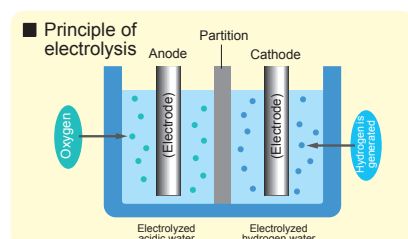
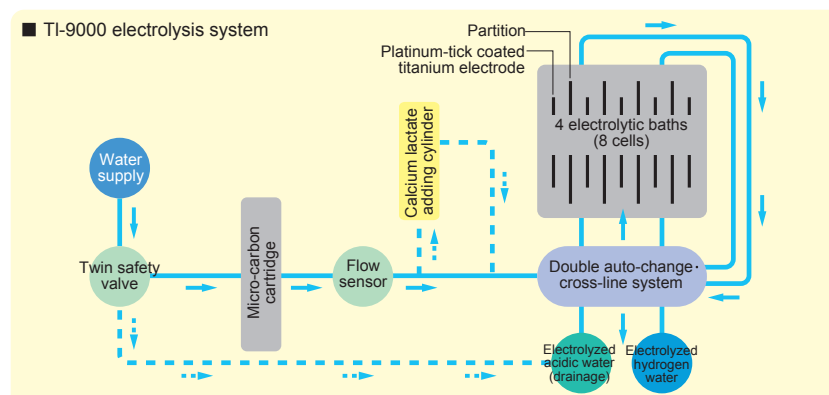
The electrolysis system of TI-9000, a double auto-change cross-line method, achieves more stable electrolysis.

Double auto-change cross-line method of TI-9000

Electrolyzed hydrogen water is created through the electrolysis of water. Electrolysis and electrodeposition have the same principle, so scale will always accumulate on the electrode. The higher the electrolysis capacity, the more scale accumulates on the electrode, reducing the electrolysis efficiency. To prevent this, after generating a certain amount of water, the polarity of the electrodes is reversed and the baths for oxidation and reduction reactions are switched.

It then switches waterways of electrolyzed hydrogen water and acidic water by valve operation, removes scale in the electrolytic bath, and generates alkaline electrolytic hydrogen water containing hydrogen for an extended period.

This auto-change cross-line system is used in two locations to prevent uneven water pressure and generate stable electrolyzed hydrogen water.



What is electrolysis? When current flows to water that contains electrolyte (e.g., mineral ion), oxidation and reduction reactions, which do not occur spontaneously, are caused by electrical energy, and oxidized water is generated from anodes and reduced water from cathodes.

Water purification cartridge for replacement

(sold separately)

PREMIUM Micro-Carbon BMa Cartridge

Main specifications

- Rated voltage: AC 200-240 V ● Rated frequency: 50 to 60 Hz ● Rated current: AC 3 A ● Rated electrolytic voltage: DC 50 V (max.) ● Electrolytic baths: 4 baths (8 cells)
- Electrodes (number of plates): Platinum-tick coated titanium electrode (5 plates) ● Generated water intake system: One-way type ● Rated intake: Electrolyzed hydrogen water: approx. 5.5 L/min (max.) ● Acidic water: approx. 5.5 L/min (max.) ● Purified water: approx. 6.0 L/min (max.) ● Usable water pressure of piping system: 50 kPa (minimum operating water pressure) up to 700 kPa ● Weight: Approx. 5 kg ● Power cord length: Approx. 1.6 m ● Main unit size: 271 (W) X 367 (H) X 138 (D) mm ● Calcium lactate injector: Injection through case insertion (Calcium lactate is an auxiliary agent that facilitates electrolysis) ● Water purification cartridge filtration capacity: It removes 22 substances (removal rate of over 80%). It also can handle 12 tons of water. While it varies depending on the water quality and amount used, it lasts for approximately one year when used at a rate of 32 L/day. ● Electrolytic baths washing method: Double auto-change cross-line method ● Power supply circuit: Switching regulator control system ● Protective functions fuse (built-in circuit board): 8A, constant current control circuit (overcurrent prevention device), over heating prevention device, branch faucet flow regulator valve, branch faucet warning valve (excessive water pressure prevention), twin safety valve function (hot water/excessive water pressure prevention)

Specifications of this appliance are subject to change without notice, so some details may differ from the product. Thank you for your understanding.	
⚠ Safety Precautions	
Please read the instruction manual carefully and use the product correctly.	<ul style="list-style-type: none"> The product is suitable for use only for drinking water. ● Do not run hot water exceeding 35°C through the main unit. ● Regularly monitor pH and do not drink water with a pH of 10 or higher straight from the tap. ● Do not drink the following types of water: (1) acidic water, (2) water coming out from drainage hose (small pipe), (3) water with pH lester liquid. ● Do not take medicine with electrolyzed hydrogen water. ● The following persons should consult a doctor before drinking electrolyzed hydrogen water: (1) those who are undergoing medical treatment, (2) those with kidney damage, (3) those who are experiencing any health problems. ● If you notice any health problems, or if there is no improvement in symptoms after continued consumption, stop consuming and consult a doctor. ● The following persons should consult a doctor before using acidic water: (1) those with sensitive skin, (2) those with allergies ● If you notice any problems with your skin after using acidic water, stop using it immediately and consult a doctor. ● A pH around 9.5 (from 9.0 to less than 10) is recommended for drinking, but those drinking it for the first time should start with a small amount of level 1 hydrogen water. ● The recommended intake of electrolyzed hydrogen water is 500 to 1,000 ml per day. ● Generated water should be used as soon as possible after generated. When storing electrolyzed hydrogen water/purified water, keep it in a clean, airtight container such as a plastic bottle, store it in the refrigerator, and drink within two days.

Continuous generation type hydrogen water ionizer
TRIM ION TI-9000

● Use the contact below to order our products or submit inquiries:

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Find out more about Trim on the website
Nihon Trim Search

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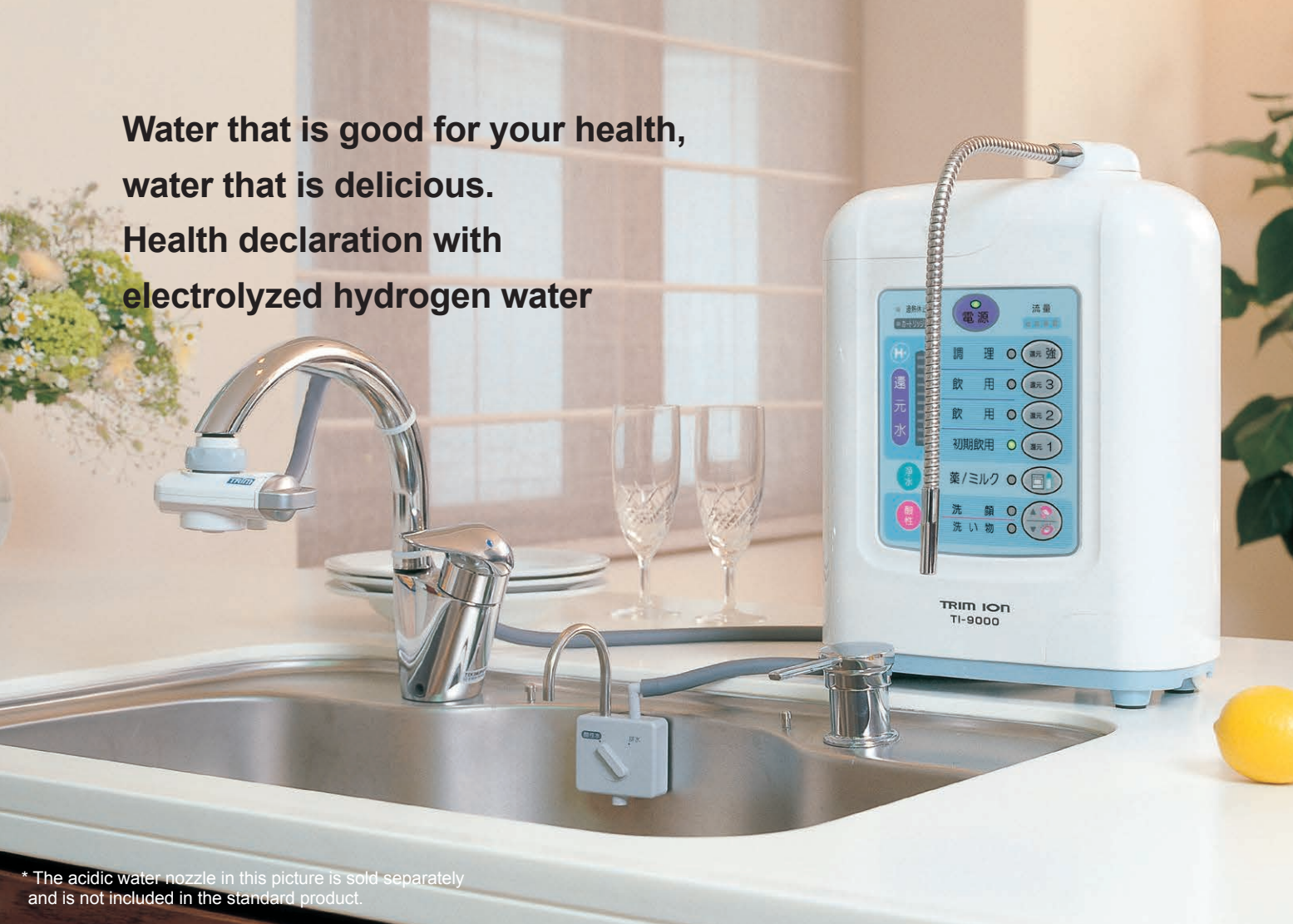
Enliven your life with electrolyzed hydrogen water



Continuous generation type hydrogen water ionizer
TRIM ION TI-9000

Water that is good for your health,
water that is delicious.

Health declaration with
electrolyzed hydrogen water



* The acidic water nozzle in this picture is sold separately and is not included in the standard product.

Water makes up about
60% of our body.
That is why
good water is important.

It is said that the water is the origin of life. Without water, life would not have been able to survive and evolve, and life would not have arisen on Earth 3.5 billion years ago. Water is the most important thing for living creatures. However, water in the ancient times that gave birth to, nurtured, and evolved life would not have contained any artificially synthesized chemicals like it does today. Continuous generation type hydrogen water ionizer TRIM ION TI-9000 cleans tap water by removing chlorine and other substances with a large water purifier and then uses electrolysis to generate alkaline water containing hydrogen. Enliven your life with Trim's electrolyzed hydrogen water.

Three kinds of water generated by TRIM ION TI-9000
What are electrolyzed hydrogen water, purified water, and acidic water?

Electrolyzed hydrogen water

Alkaline water containing hydrogen is generated from cathodes in the electrolytic bath by electrolysis. This water is smooth and good for your health, so you can use it for drinking and cooking.

Purified water

A micro-carbon cartridge that removes not only residual chlorine but also 22 substances is used. Tap water is turned into clean water free of bacteria, etc. You can use it for making baby formula and taking medicine.

Acidic water

Acidic water contains a lot of oxygen and is generated from anodes in the electrolytic bath. You can use it for washing your face or cleaning dishes.

Approximate pH value for each level

	Use	Approximate pH
Reduced water (Electrolyzed hydrogen water)	Reduction High	Cooking 9.0~10.5
	Reduction 3	Drinking 8.5~9.9
	Reduction 2	Drinking 8.0~9.5
	Reduction 1	Drinking 7.5~9.0
Purified water	Drinking	No electrolysis
Acidic water	Face	Washing your face 4.5~6.8
	Dish	Cleaning 3.5~5.5

* The pH value is only an approximation and may vary depending on the water quality of the area.

Precautions for use

- The product is suitable for use only for drinking water.
- If you have kidney problems, please consult a doctor before use.
- Please read the instruction manual carefully and use the product correctly.

Energetic body. Delicious dishes. TRIM ION's electrolyzed hydrogen water.

An all-in-one appliance that gives you three kinds of water for drinking, cooking, and washing your face. You can use it in whatever way that suits your daily life.

HEALTHY

Reduction 1

Since it does not strain your digestive system, it is good for everyday drinking water and cold-brew tea.

It can be used to make cold-brew tea thanks to excellent infusion quality even without boiling.




COOKING

Reduction 2

Delicious, soft and fluffy...
For daily rice cooking.

Cooking rice with electrolyzed hydrogen water makes rice delicious, soft and fluffy.



Reduction 3

For making green tea, black tea, and coffee ideal for a relaxing time

Good water brings out the full flavor of green tea, black tea, and coffee.



Reduction High

For simmered dishes and removing bitterness of ingredients...
You can use it for cooking.

It makes a good broth and cooks the ingredients of simmered dishes plump and soft. It can also be used for removing bitterness of ingredients.



It removes 22 substances. It also can handle 12 tons of water.

PREMIUM Micro-carbon cartridge



Water outlet (purified water)

Water inlet (tap water)

CLEAN

Purified water

Medicine/Baby formula

For making baby formula and taking medicine.
This water does not contain chlorinated impurities. You can use it for making baby formula and taking medicine.



BEAUTY

Acidic water

Face Dish

For washing your face and cleaning dishes.
It is acidic water generated from anodes in the electrolytic bath. You can use it for washing your face and cleaning dishes.



The micro-carbon part is made of coconut shell, an eco-friendly material.

- Nonwoven fabric
A sheet of fiber layers containing countless micro pores bonded in a 3D structure. First, large particles are removed here before passing through micro-carbon.
- Micro-carbon (extremely fine activated carbon)
A porous carbon material that has countless micro pores on its interior. NSF-certified activated carbon are used.

The micro-carbon cartridge is composed of a porous carbon material that has countless micro pores on its interior. It quickly absorbs dissolved solids and thoroughly removes even micro-particles such as turbidity. The new molding method makes it possible to remove 22 substances only with micro-carbon. The filter material is also recognized for its anti-clogging function and excellent water flow.

■ Water purification cartridge filtration capacity (Substances that can be removed)

22 substances	
1 Free residual chlorine	12 Soluble lead
2 Turbidity	13 1,2-DCE
3 Chloroform	14 Benzene
4 Bromodichloromethane	15 Geosmin (mold smell)
5 Dibromochloromethane	16 Anionic Surfactants
6 Bromoform	17 Phenols
7 Tetrachloroethylene	18 PFOS and PFOA
8 Trichloroethylene	19 Iron (dissolved)
9 Total Trihalomethane *1	20 Iron (fine powder)
10 CAT (agricultural)	21 Dissolved manganese
11 2-MIB (mold smell)	22 Aluminum (electrically neutral)

*1: Total trihalomethane is a collective name for four substances listed above in 3 through 6.

The cartridge replacement indicator will turn on approximately one year after the first use of the product. Also, if the total water flow reaches 12 tons, the cartridge replacement indicator will turn on within less than one year of the first use. Please replace the cartridge when the indicator turns on.

* At Nihon Trim, we define drinkable "alkaline electrolyzed water" containing hydrogen generated from cathodes by electrolysis as electrolyzed hydrogen water and "acidic electrolyzed water" generated from anodes as acidic water.

