



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.

Effectiveness of drinking Electrolyze Hydrogen water varies from individual
Feed water to this system must be suitable for human consumption



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 BM 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.

- NSF certification -

It is a standard regarding public health established by NSF International, which is a globally recognized nonprofit organization engaged in the protection of public health. To be certified, the product must meet strict test requirements.

2 Double auto-change cross-line method

Scale will form on the electrodes in the electrolytic bath as minerals in water crystalizes due to electrodeposition, and this will reduce the electrolytic efficiency. TRIM ION TI-9000 uses unique automatic polarity and a waterway switching and cleaning system to prevent scale from accumulating on the electrodes.



Ensures the Electrodes Last Longer!

3 Twin safety valve function

Running hot or boiling water through the appliance may deform the resin components inside, inhibiting its operation and functions. To protect against accidental use of hot or boiling water, the appliance is equipped with two safety valves. One valve is made of a shape-memory alloy and functions to direct water to a drain outlet. The other works as an escape valve when the water pressure within the appliance becomes too high.

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.

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 Switching regulator control system

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 water filtered reaches 12 tons, you will be notified by a buzzer and blinking light.



7 Larger operation panel for improved visibility and use

The larger operation panel allows for easy operation.



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

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

9 Melody and light to indicate electrolyzed hydrogen water generation

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



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

Main Specifications

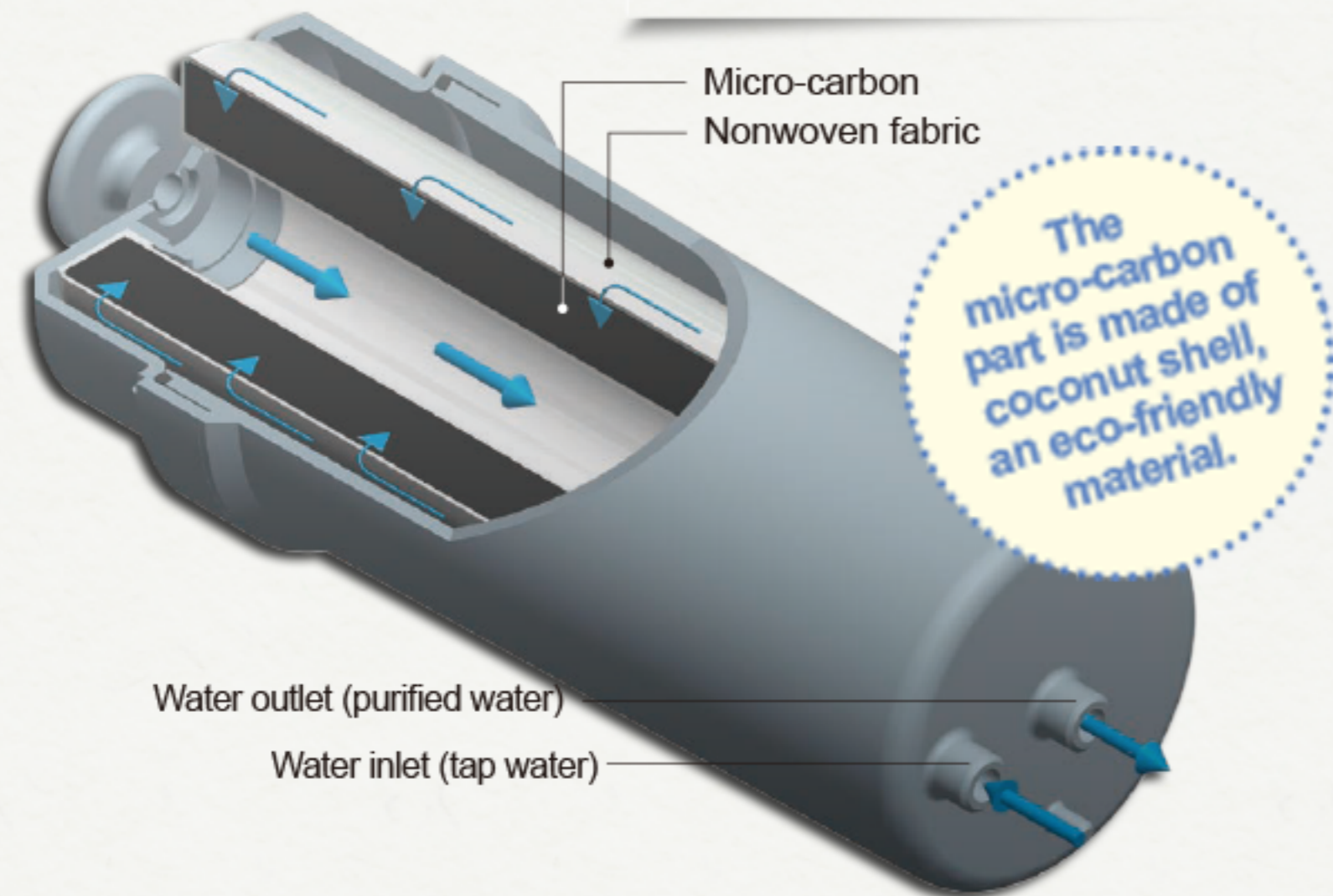
Model number	TRIM ION TI-9000EX
Medical Equipment Production and Sale Certification Number	21500BZZ00119000
Rated voltage	200-240V AC
Rated frequency	50/60 Hz
Rated current	3A (max 5A)
Rated electrolytic voltage	DC70V(max)
Power consumption	300W (max 500W)
Electrolytic baths	4 baths (8 cells)
Electrodes (number of plates)	Platinum-tick coated titanium electrode (5 plates)
Electrode durability time	4,000 hours as an electrolyte (Varies with usage conditions such as amount used and water quality, etc.)
Generated water intake system	one-way type
Rated intake of electrolyzed hydrogen water	Approx. 5.0L/min (max)
Rated intake of acidic water	Approx. 5.0L/min (max)
Rated intake of filtered water	Approx. 6.0L/min (max)
Hydraulic pressure of piping system	50kPa (minimum operational water pressure) up to 700kPa
Electric cord length	2m
Weight	5kg
Size	271(W)×367(H)×138(D) mm
Lactic acid calcium adding device	Addition through case insertion (Lactic acid calcium is an auxiliary material added to facilitate electrolysis)
Cartridge filtration capacity	17 substances designated by JIS (*) 12t (removal rate of over 80%)
*The 17 substances are: Free Residual Chlorine (calcium hypochlorite), Turbidity, Chloroform, Bromodichloromethane, Dibromochloromethane, Bromoform, Cis-1,2-dichloroethylene and Trans-1,2-dichloroethylene, Tetrachloroethylene, Trichloroethylene, Benzene, Total Trihalomethane, CAT (agricultural), 2-MIB (mold smell), Carbon Tetrachloride, Anionic Surfactants, Phenols, Geosmin (mold smell)	
Electrolyzer washing method	Double, Auto-changing, Crossline method
Power supply circuit	Switching Regulator Control System
Protective functions	Fuse (built-in substrate): 8A
Constant current control circuit (overcurrent prevention device)	
Minimum flow recirculation system	
Branch faucet constant flow valve	
Branch faucet warning valve (excessive water pressure prevention)	
Twin safety valve function (hot water/excessive water pressure prevention)	

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.

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.

» 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.



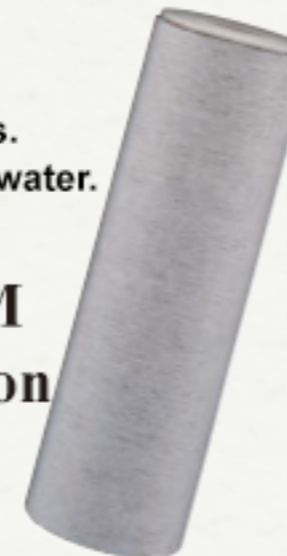
Water purification cartridge filtration capacity (Substances that can be removed)

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.

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

**PREMIUM
Micro-carbon
cartridge**



Feed water to this system must be suitable for human consumption
*Effectiveness of drinking Electrolize Hydrogen water varies from individual



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