

SUZUION

A New Generation Alkaline Water Ionizer

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 **suzuion**
TECHNOLOGIES PVT LTD

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1. ION-5000SA Model Specifications

A New Generation Alkaline Water Ionizer



ZUZUION-5000SA(White)



SUZUION-5000SA(Wine)

Category	SUZUION-5000SA
Water supply	Water service series
Voltage	AC 110/120/220/240V, 50/60Hz
Power consumption	120W
Size of main body	385mm(H) × 284mm(W) × 134mm(D)
Weight of main body	About 6 Kg
Operation method	One-touch
Temperature of source water	4 ~ 30°C
Available water pressure	0.6 ~ 7Kg/cm ²
Consecutive operation time	10min.
Electrolyte method	Consecutive electrolyte
Production amount	Max. 3ℓ/min
Electrolyte phase	4 phases of alkali water, 2 phases of acid water, 1 phase of purified water
Cleaning method	Automated cleaning
Filter longevity	6 months
Filter material	10 multi-layer filter
Protection system	Fuse 3A, bimetal, built-in temperature sensor
Features	color LED display
	voice information, melody
	Water quality selection, wall adherence

2. Advantages (I)

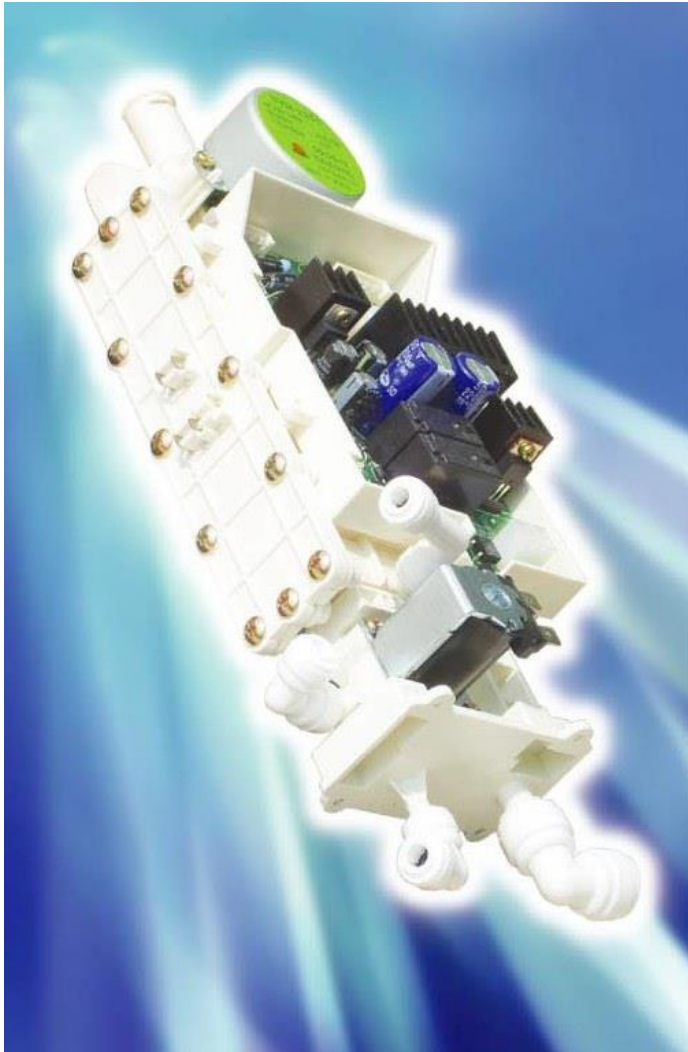
Double Auto Change Cross – Line System	Prevents scale decomposition on plate of electrolyte bath and generate the optimal electrolyte return water (alkali water) and improves durability of electrolyte bath
High quality 10 multi-layer filter applied for the first time in the world	① High density FELT film ② Carbon Block ③ Carbon ④ Sediment ⑤ High density FELT film ⑥ Anti-bacterial Ball ⑦ Negative ion Ball ⑧ Far Infrared Ball ⑨ Dechlorine Ball ⑩ High density FELT film
Color LED Display	-Escaped from existing front plate design -Reinforcing the image of high-tech home appliance
Polished design and compact size	Adding interior effect and easy of installation. Realizing the design favored by all ages.
2-phase acid water production	Generating skincare water and hygienic water for different uses

3. Advantages (II)

Voice information and melody sound	Voice information for each use stage (Alkali water: spring water sound/ acid water: warning sound / purified water : silence)
4 levels of sound volume	Silence, small, medium, large
Filter change time indication	Stick graph on the display to indicate change time in advance with voice message
User mode and manager mode functions	Product use status memory system to manage under optimal condition
Water amount control (Source water control valve)	Control with the most proper water pressure for optimal operation for each source water in different installation place
Automated alkali water restoration	Automated restoration to “Alkali water phase 2” after the use of acid water in order to prevent from drinking it.
Use amount memory system for the first time in the world	Use amount of alkali water, acid water, and purified water for each level using cutting-edge memory and indication of total use amount (accumulated amount)

4. “Electrolyzer” System Features

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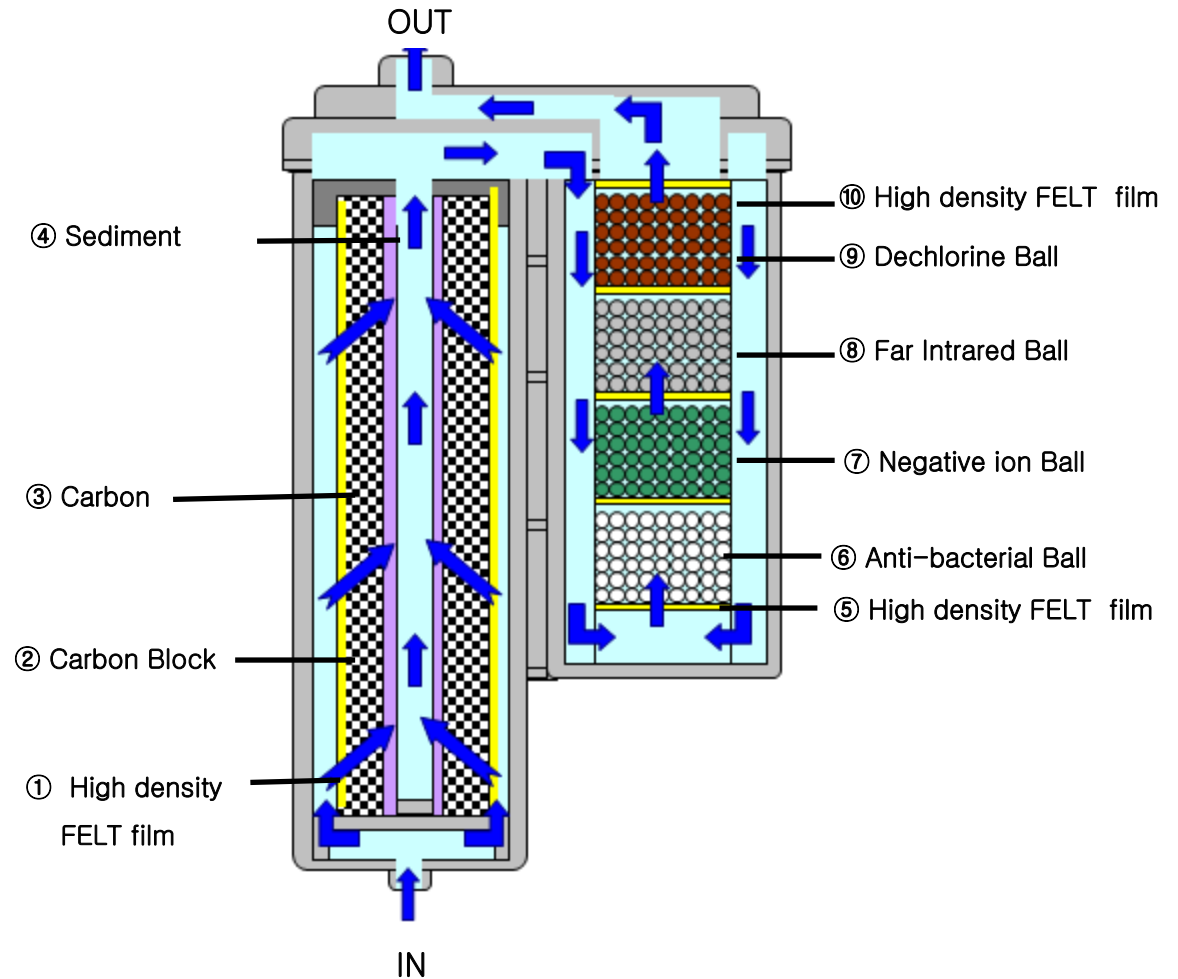
- High level of safety
 - ▶ Automated stop after 10 minutes of consecutive operation
 - . Prevention from “water overflow” with the user’s mistake
 - ▶ 2-phase overcurrent protection
 - . Double protection of software and hardware using cutting-edge PTC
- E*Cell patent technology
 - ▶ Regular automated water channel conversion to prevent from scale perfectly
 - . Conversion of electrode and water channel automatically after four times of operation
 - ▶ More than 95% discharge from inputted water when selecting purified water
 - . The first in the world technology to reduce source water waist
 - ▶ Perfect automatic cleaning function
 - . Automatic water channel conversion system
 - ▶ Creating of strong acid water
- Thorough product management through manager mode and user mode
 - ▶ Customized source water selection depends of the season and environment
 - . 1 – 7 phases
 - ▶ Thorough profile management of the product
 - . Automatic management of total use amount and product profile

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5. High Quality 9-phase compound filter

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Category	Materials	Longevity
PART(I) (Purification part)	① High density FELT film ② Carbon Block ③ Carbon ④ Sediment	6 months
PART(II) (Activation part)	⑤ High density FELT film ⑥ Anti-bacterial Ball ⑦ Negative ion Ball ⑧ Far Infrared Ball ⑨ Dechlorine Ball ⑩ High density FELT film	



Patent registration
(#10-0596681)

