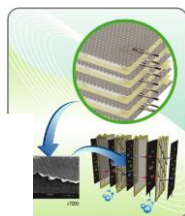




9P_Applied to patent electrolytic cell of 6 countries



The core part that determines the performance of the ionizer is an electrode. The quality and performance of the electrode is a key component to ensure the quality and safety of the ionizer.

Ionia has been a manufacturer of ionizer for 30 years and has been able to maintain its customers both at home and abroad for 30 years. It has been able to be maintained by providing quality products to buyers and consumers by applying core parts.



KOREA



USA



JAPAN



CHINA



SINGAPORE



MALAYSIA

9 step level configurable _ Alkaline4-Level - Acid4 Level- Purified 1 level



Designed for maximum 9 pH adjustment steps Alkali_4, Acid_4, Including purified function, it is possible to set 9 steps in total.

The LCD of each set item is displayed with each alarm and icon, emphasizing convenience for consumers.

Voice guidance function _10 languages setting function

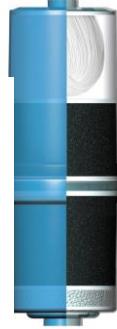


Voice guidance function for user convenience
When each function is selected, voice guidance is provided.

Currently the voice guidance language is available in 10 languages (Korean, English, Chinese, Japanese, German, Spanish, French, Russian, Italian, Portuguese).



Filters with premium materials and performance



Even if one filter is applied, we maximize the filter performance by upgrading the filter material and supply the same material to LG Electronics and WINIA.

The performance of the filter is 6000liter of free residual chlorine, and has excellent water purification performance which passed the chlorofluoromethane up to 4300Liter.

Each material is NSF certified materials are used. (UF, activated carbon)



시험 성적서

KEMTI 한국생활환경시험연구원

부호: KEMTI-00123
 대상물: 2000. 02. 14
 시험명: 수질시험
 시험일자: 2000. 02. 14
 시험장: 서울특별시 강남구 테헤란로 152 (삼성전자빌딩) 1521호
 시험방법: KS M ISO 15705-1:2002, KS M ISO 15705-2:2002, KS M ISO 15705-3:2002, KS M ISO 15705-4:2002, KS M ISO 15705-5:2002, KS M ISO 15705-6:2002, KS M ISO 15705-7:2002, KS M ISO 15705-8:2002, KS M ISO 15705-9:2002, KS M ISO 15705-10:2002, KS M ISO 15705-11:2002, KS M ISO 15705-12:2002, KS M ISO 15705-13:2002, KS M ISO 15705-14:2002, KS M ISO 15705-15:2002, KS M ISO 15705-16:2002, KS M ISO 15705-17:2002, KS M ISO 15705-18:2002, KS M ISO 15705-19:2002, KS M ISO 15705-20:2002, KS M ISO 15705-21:2002, KS M ISO 15705-22:2002, KS M ISO 15705-23:2002, KS M ISO 15705-24:2002, KS M ISO 15705-25:2002, KS M ISO 15705-26:2002, KS M ISO 15705-27:2002, KS M ISO 15705-28:2002, KS M ISO 15705-29:2002, KS M ISO 15705-30:2002, KS M ISO 15705-31:2002, KS M ISO 15705-32:2002, KS M ISO 15705-33:2002, KS M ISO 15705-34:2002, KS M ISO 15705-35:2002, KS M ISO 15705-36:2002, KS M ISO 15705-37:2002, KS M ISO 15705-38:2002, KS M ISO 15705-39:2002, KS M ISO 15705-40:2002, KS M ISO 15705-41:2002, KS M ISO 15705-42:2002, KS M ISO 15705-43:2002, KS M ISO 15705-44:2002, KS M ISO 15705-45:2002, KS M ISO 15705-46:2002, KS M ISO 15705-47:2002, KS M ISO 15705-48:2002, KS M ISO 15705-49:2002, KS M ISO 15705-50:2002, KS M ISO 15705-51:2002, KS M ISO 15705-52:2002, KS M ISO 15705-53:2002, KS M ISO 15705-54:2002, KS M ISO 15705-55:2002, KS M ISO 15705-56:2002, KS M ISO 15705-57:2002, KS M ISO 15705-58:2002, KS M ISO 15705-59:2002, KS M ISO 15705-60:2002, KS M ISO 15705-61:2002, KS M ISO 15705-62:2002, KS M ISO 15705-63:2002, KS M ISO 15705-64:2002, KS M ISO 15705-65:2002, KS M ISO 15705-66:2002, KS M ISO 15705-67:2002, KS M ISO 15705-68:2002, KS M ISO 15705-69:2002, KS M ISO 15705-70:2002, KS M ISO 15705-71:2002, KS M ISO 15705-72:2002, KS M ISO 15705-73:2002, KS M ISO 15705-74:2002, KS M ISO 15705-75:2002, KS M ISO 15705-76:2002, KS M ISO 15705-77:2002, KS M ISO 15705-78:2002, KS M ISO 15705-79:2002, KS M ISO 15705-80:2002, KS M ISO 15705-81:2002, KS M ISO 15705-82:2002, KS M ISO 15705-83:2002, KS M ISO 15705-84:2002, KS M ISO 15705-85:2002, KS M ISO 15705-86:2002, KS M ISO 15705-87:2002, KS M ISO 15705-88:2002, KS M ISO 15705-89:2002, KS M ISO 15705-90:2002, KS M ISO 15705-91:2002, KS M ISO 15705-92:2002, KS M ISO 15705-93:2002, KS M ISO 15705-94:2002, KS M ISO 15705-95:2002, KS M ISO 15705-96:2002, KS M ISO 15705-97:2002, KS M ISO 15705-98:2002, KS M ISO 15705-99:2002, KS M ISO 15705-100:2002

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KEMTI 한국생활환경시험연구원

부호: KEMTI-00123
 대상물: 2000. 02. 14
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 시험일자: 2000. 02. 14
 시험장: 서울특별시 강남구 테헤란로 152 (삼성전자빌딩) 1521호
 시험방법: KS M ISO 15705-1:2002, KS M ISO 15705-2:2002, KS M ISO 15705-3:2002, KS M ISO 15705-4:2002, KS M ISO 15705-5:2002, KS M ISO 15705-6:2002, KS M ISO 15705-7:2002, KS M ISO 15705-8:2002, KS M ISO 15705-9:2002, KS M ISO 15705-10:2002, KS M ISO 15705-11:2002, KS M ISO 15705-12:2002, KS M ISO 15705-13:2002, KS M ISO 15705-14:2002, KS M ISO 15705-15:2002, KS M ISO 15705-16:2002, KS M ISO 15705-17:2002, KS M ISO 15705-18:2002, KS M ISO 15705-19:2002, KS M ISO 15705-20:2002, KS M ISO 15705-21:2002, KS M ISO 15705-22:2002, KS M ISO 15705-23:2002, KS M ISO 15705-24:2002, KS M ISO 15705-25:2002, KS M ISO 15705-26:2002, KS M ISO 15705-27:2002, KS M ISO 15705-28:2002, KS M ISO 15705-29:2002, KS M ISO 15705-30:2002, KS M ISO 15705-31:2002, KS M ISO 15705-32:2002, KS M ISO 15705-33:2002, KS M ISO 15705-34:2002, KS M ISO 15705-35:2002, KS M ISO 15705-36:2002, KS M ISO 15705-37:2002, KS M ISO 15705-38:2002, KS M ISO 15705-39:2002, KS M ISO 15705-40:2002, KS M ISO 15705-41:2002, KS M ISO 15705-42:2002, KS M ISO 15705-43:2002, KS M ISO 15705-44:2002, KS M ISO 15705-45:2002, KS M ISO 15705-46:2002, KS M ISO 15705-47:2002, KS M ISO 15705-48:2002, KS M ISO 15705-49:2002, KS M ISO 15705-50:2002, KS M ISO 15705-51:2002, KS M ISO 15705-52:2002, KS M ISO 15705-53:2002, KS M ISO 15705-54:2002, KS M ISO 15705-55:2002, KS M ISO 15705-56:2002, KS M ISO 15705-57:2002, KS M ISO 15705-58:2002, KS M ISO 15705-59:2002, KS M ISO 15705-60:2002, KS M ISO 15705-61:2002, KS M ISO 15705-62:2002, KS M ISO 15705-63:2002, KS M ISO 15705-64:2002, KS M ISO 15705-65:2002, KS M ISO 15705-66:2002, KS M ISO 15705-67:2002, KS M ISO 15705-68:2002, KS M ISO 15705-69:2002, KS M ISO 15705-70:2002, KS M ISO 15705-71:2002, KS M ISO 15705-72:2002, KS M ISO 15705-73:2002, KS M ISO 15705-74:2002, KS M ISO 15705-75:2002, KS M ISO 15705-76:2002, KS M ISO 15705-77:2002, KS M ISO 15705-78:2002, KS M ISO 15705-79:2002, KS M ISO 15705-80:2002, KS M ISO 15705-81:2002, KS M ISO 15705-82:2002, KS M ISO 15705-83:2002, KS M ISO 15705-84:2002, KS M ISO 15705-85:2002, KS M ISO 15705-86:2002, KS M ISO 15705-87:2002, KS M ISO 15705-88:2002, KS M ISO 15705-89:2002, KS M ISO 15705-90:2002, KS M ISO 15705-91:2002, KS M ISO 15705-92:2002, KS M ISO 15705-93:2002, KS M ISO 15705-94:2002, KS M ISO 15705-95:2002, KS M ISO 15705-96:2002, KS M ISO 15705-97:2002, KS M ISO 15705-98:2002, KS M ISO 15705-99:2002, KS M ISO 15705-100:2002

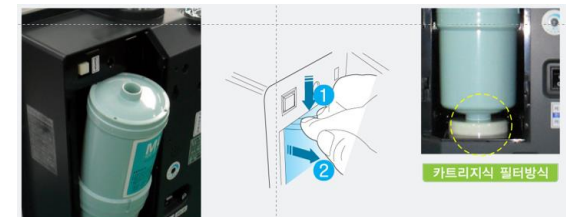
Free residual chlorine (6000L)

Chloroform (4300L)

Replacement of cartridge filter



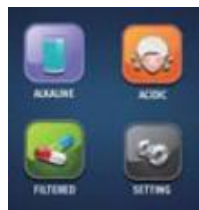
Applies the cartridge filter replacement method so that the user can easily exchange the filter.



카트리지의 필터방식



One-Touch_Water supply system

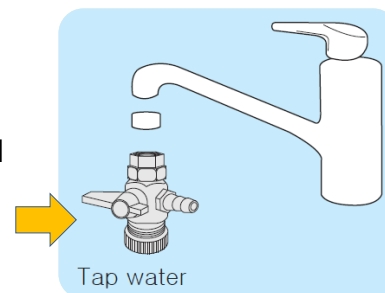


The one-touch water supply system maximizes the convenience of use. The solenoid water supply system supplies a certain amount of water to maintain constant alkaline water pH.

❖ Each generation of water supply valve

1st_Generation

There is no water supply valve in the product, so need to installed water supply valve outside to supply tap water.



2nd_Generation

There is water supply valve in the machines and directly supply the water.



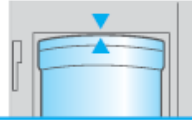
3rd_Generation

modified the water valve to Solenoid type so that it can be operated with one touch.





Genuine filter recognition method using RFID



Make sure the arrow on filter lines up with the arrow on the machine



Applying genuine filter recognition method using RFID





We have implemented a system that can prevent the use of fake filters in advance.

The genuine RFID recognition method is the first genuine recognition method applied in Korea. It is applied from 2013, and it is used in the United States, Singapore and Europe.

*The reliability of RFID has already been proven. Buyers are very satisfied.

PRODUCT COMPARISON CHART



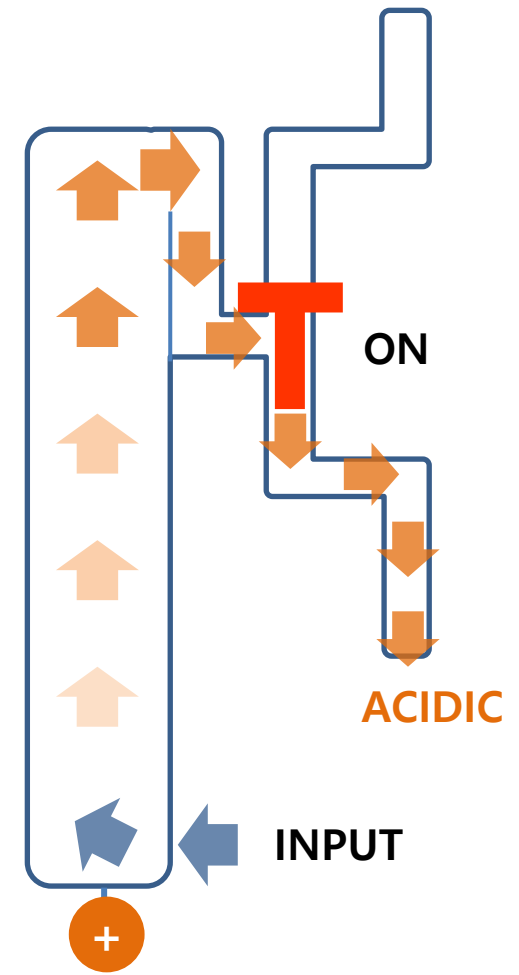
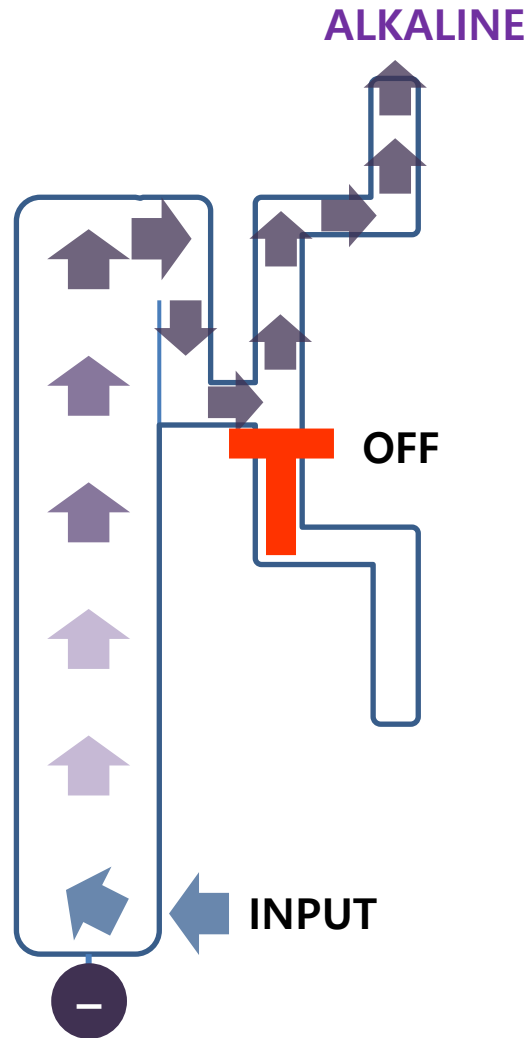
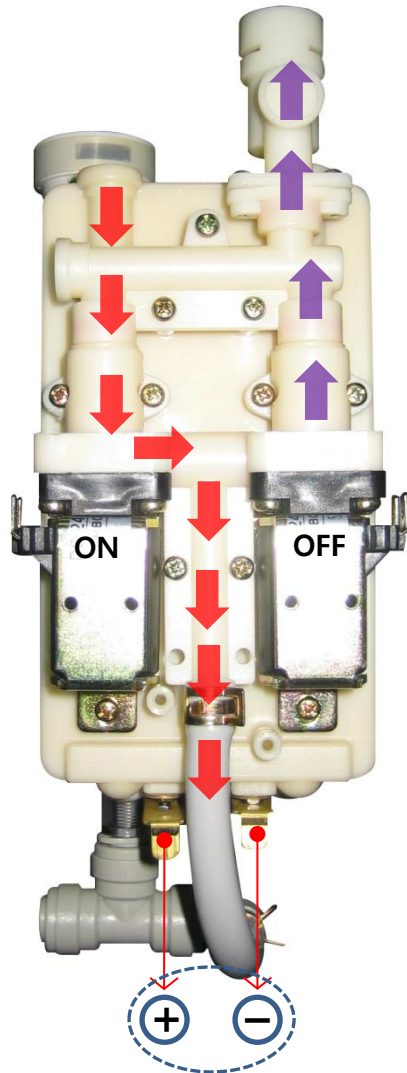
구분	IONIA	ION	B Company	C Company
MODEL	SM-2F9	ION-7600	BTM-305	AMS4110
IMAGE				
PLATES	9P	5P	5P	5P
ELECTRODE OPERATION METHOD	Auto cleaning system (Need to explain)	Auto cleaning system	Cleaning method	Auto cleaning system
STEP/LEVEL	9 Steps (Alkaline4, Acid4, Purified1)	7 steps (Alkaline4, Acid2, Purified1)	6 steps (Alkaline4, Acid1, Purified1)	7 steps (Alkaline4, Acid2, Purified1)
WATER INPUT	Automatic (solenoid)	Automatic (solenoid)	Automatic (solenoid)	Water supply valve
POWER SUPPLY	SMPS	TRANS	TRANS	TRANS
POWER INPUT	350W	130W	150W	110W
RECOGNIZED FILTER	Genuine tag [RF]	NONE	NONE	Genuine Recognition (Harness connection)
FILTER QUANTITY	1Filter	1Filter	1Filter	1Filter

IONIA Patent electrolytic cell operation method



● DETAILS_ELECTROLYTIC CELL PART _HOW IT WORKS

➤ ON FIRST USE

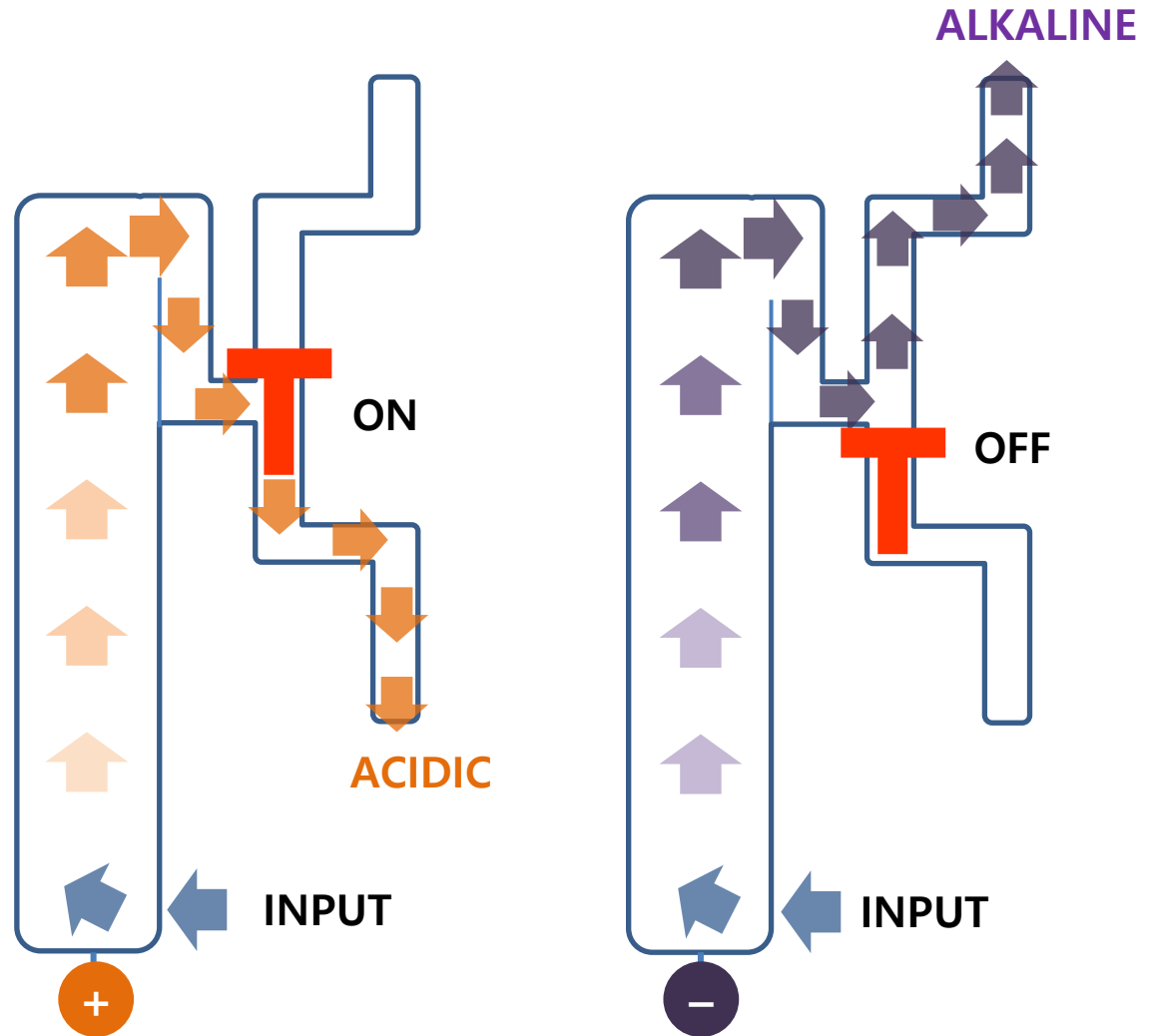
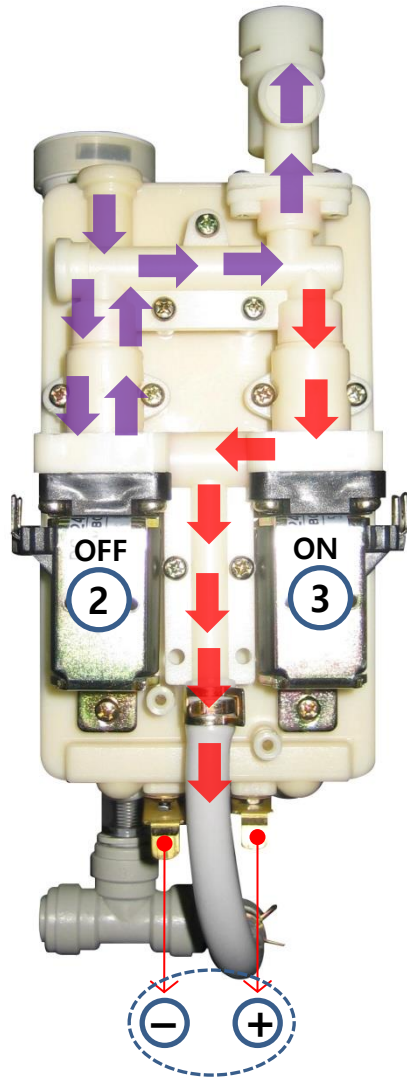


IONIA Patent electrolytic cell operation method



● DETAILS ELECTROLYTIC CELL PART _HOW IT WORKS

➤ WHEN RE-USED

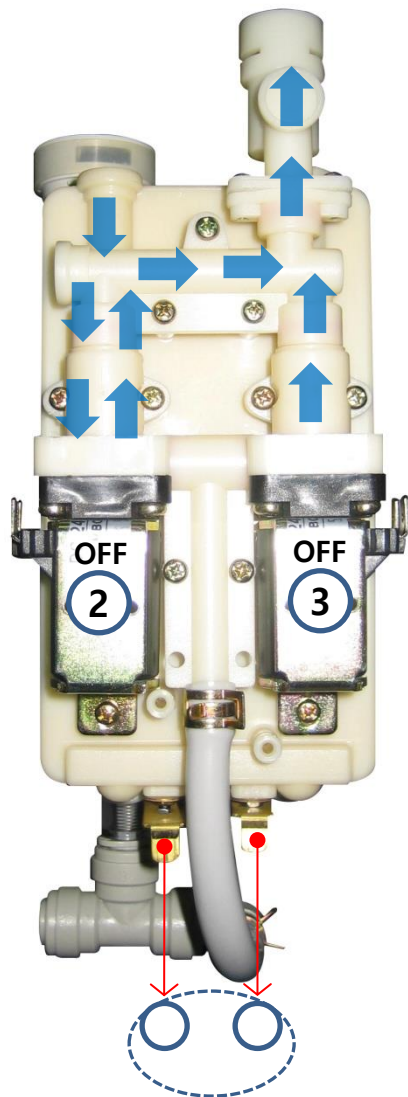


IONIA Patent electrolytic cell operation method

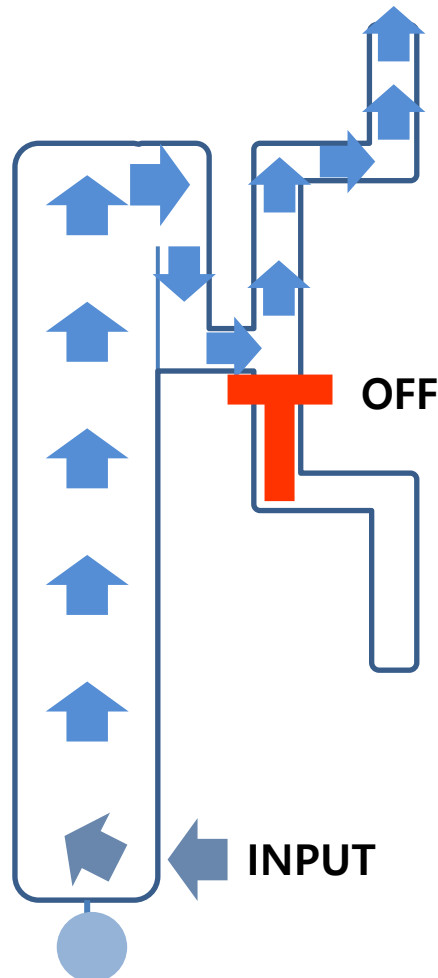


● DETAILS_ELECTROLYTIC CELL PART _HOW IT WORKS

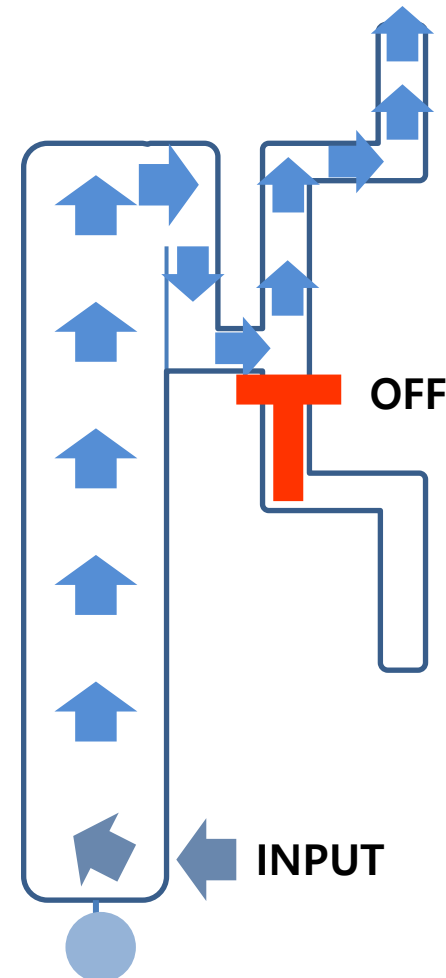
➤ WHEN USING PURIFIED WATER



PURIFIED WATER



PURIFIED WATER



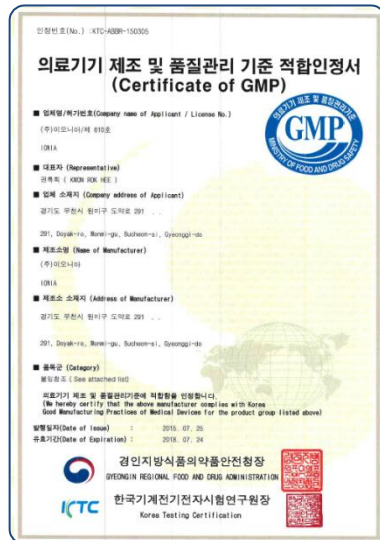
※ When using water, there is no waste of water by shutting out water to acidic water.

※ First application of ionizer in the world !!

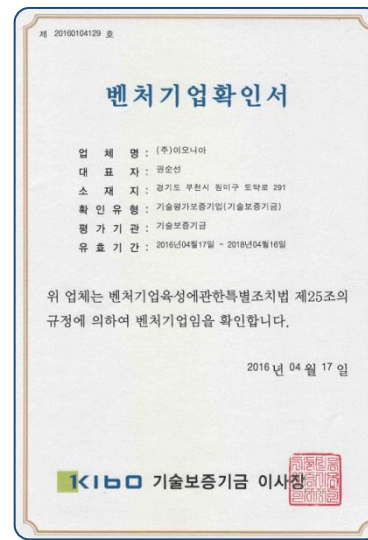
인증서



A medical device manufacturing license



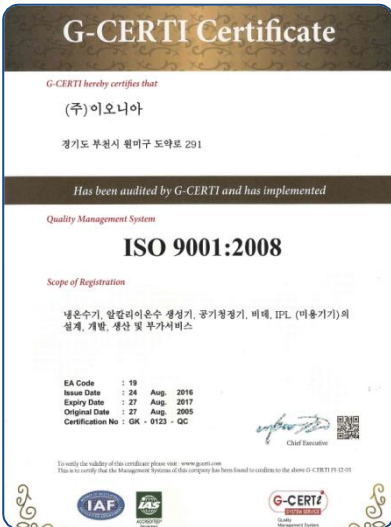
KGMP



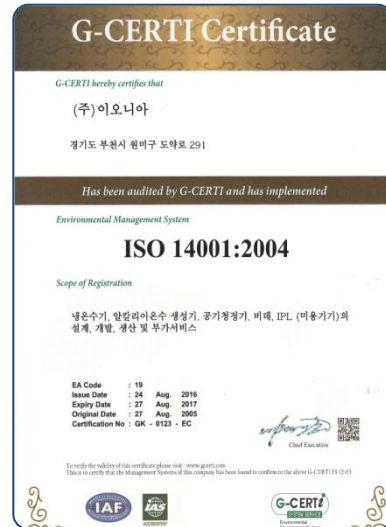
Venture Business Confirmation



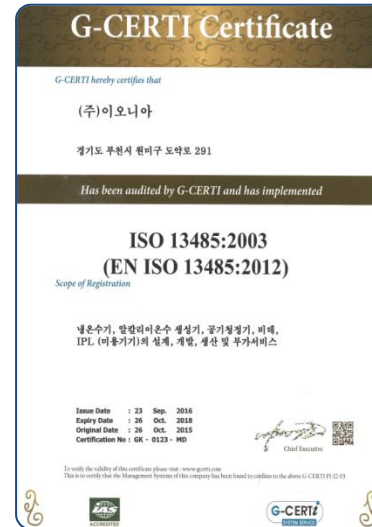
Technology Innovation Company



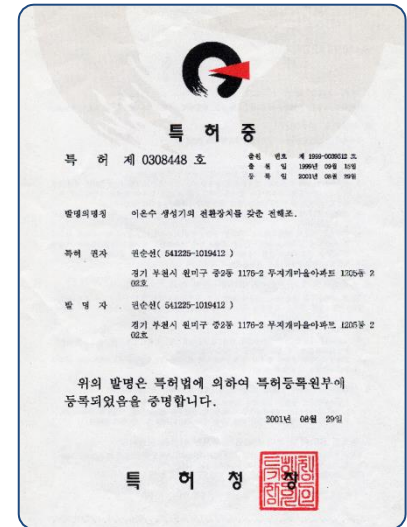
ISO9001



ISO14001



ISO13485



Electrolytic cell patent