



# 7/9 Plates Alkaline Water Ionizer



## AK 3000

*Easy Care  
Easy Water  
Easy Life*

Made in Korea  
[www.mediqua.co.kr](http://www.mediqua.co.kr)



# Alkaline water Ionizer



1. Tap water



2. Dual filtration system

; To clean 99.99%



3. Chamber of electrodes (electrolysis)

; (platinum coated) Titanium plate



4. UV light technology

; To kill harmful bacteria



5. Alkaline water

; Optimum pH with high ORP

## Specification

Model		Mediqua 7/9 Plates
Under counter type		Available
Dimension (cm)		35.0cm × 35.0cm × 15.0cm
Net weight / Gross weight (kg)		5.5kg / 7.3kg
Water temperature(°C)		5°C ~ 35°C
Max. Water pressure(kgf/cm <sup>2</sup> )		10 kgf/cm <sup>2</sup>
pH Range		2.5 ~ 11.5
Filtration	Filter type	Dual filter type
	Filter lifetime	1st : 4,000 ℓ, 2nd : 8,000 ℓ
	Max. Water Flow	1~4LPM
Display	Type	Big 7Color LCD screen
	pH values	Alkaline : 4stages, Acidic : 4stages, Clean water
	Washing	Automatic cleaning
Electricity		AC100V ~ 240V, 50Hz / 60Hz
Case		ABS
Electrolysis	Chamber material	Platinum coating titanium
	Electrodes (Number of Plates)	9
	Power consumption	200VA
U.V. Lamp		Included

## Faucet (for undersink usage)



Size	Materials	Display
320×144×60	Body : SUS304 Head : Die Casting (Chromium Plating)	LED Lighting Touch sensor Advanced water purification system Automatic cleaning function Adjustable pH levels Voice announcement

# Why Alkaline water Ionizer is Easy?

## 1. Easy change of filters

\_ with front sliding door system : Patented



## 2. Fully Convertible

\_ Counter-top To under counter (to install on the desk or under the desk)



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## Color

\_ W (White) / S (Silver)



[ WW ]



[ SS ]



# What are more benefits?

## 1. 7/9 cell electrodes (platinum coated)

- \_ Solid titanium plate (53 × 146 × 5mm)
- \_ To supply stable & sustainable alkaline water



## 2. UV light technology

- \_ To kill harmful bacteria

## 3. Automatic filter indication system (Filters applied with RFID function)

- \_ To check the condition of filter(life time, genuine...)



## 4. Convenient voice automated

- \_ Voice message ie “Alkaline water in 3rd step”



## 5. LCD display (all visible)

- \_ LCD monitor displays current function

## 6. Enhanced 2step dual filtration system.

- \_ To provide clean & Great tasting water.

## 7. Incredible pH range from 2.5 to 11.5

- \_ pH: Power of Hydrogen

## 8. 400 programmable pH and ORP levels.

- \_ You can adjust pH level (4 levels)
- \_ The strength of power per pH level. (100 levels)

## 9. Touch sensor

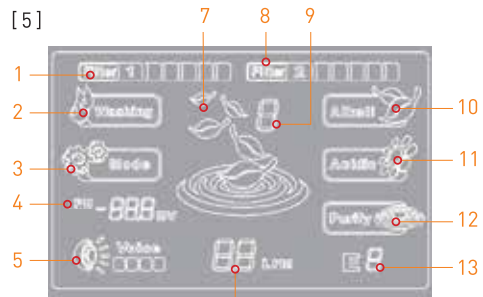
- \_ Optional Function Touch Sensor

## 10. Max 386W of leading edge SMPS power

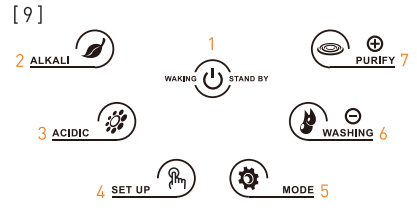
- \_ Stable & strong pH & better ORP water

## 11. ORP : -650 ~ -850 mv

- \_ Oxidation Reduction Potential : Anti oxidant
- \_ To remove R.O.S (Reactive Oxygen Species)



- 1. 1st filter life indicator
- 2. Wash lamp indicator
- 3. Mode display indicator
- 4. Outlet water pH value
- 5. Voice set display lamp
- 6. Amount of water & speed
- 7. Operation display lamp
- 8. 2nd filter life indicator
- 9. Alkaline/Acid water level
- 10. Alkaline water selection lamp
- 11. Acid water selection lamp
- 12. Purity water selection lamp
- 13. Error display lamp





ALKALINE WATER IONIZER

12. 100% stainless steel Zabara hose

- \_ No rust, no change

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13. Automatic cleaning system

- \_ To remove the remaining water in the 1st filter and 2nd filter.
- \_ To reverse electrode and clean inside of electrolytic Chamber.
  1. When the filter is changed.
  2. When the "off" is operated after its usage.
  3. When the alkaline water production reach 20 liters.  
(20L : basically selected, you can change into 10, 20 or 30 liters.)
  4. When the power is off suddenly.
  5. When it is not in operation over 24 hours

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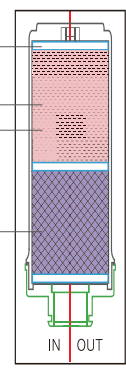
14. Scale remover filter

- \_ To be installed at 2nd filter's location.
- \_ It removes the scale inside of electrolytic chamber

15. 1st filter life indicator

- \_ High Density Sediment Layer ————— Eliminates sediments(mud, rust, sand, etc)5microns or larger.
- \_ Activated Carbon ————— Ultra fine coconut shell carbon.
- \_ High Density Sediment Layer ————— Eliminates sediments(mud, rust, sand, etc)5microns or larger.
- \_ Ultra filtration (UF filtration) ————— Hallowfiber (bacteria, Turbidity etc)

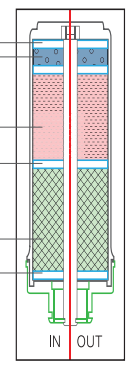
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16. 2nd filter life indicator

- \_ High Density Sediment Layer ————— Eliminates sediments(mud, rust, sand, etc)5microns or larger.
- \_ Calcium ball Ceramic Technology ————— For the reduction of Chlorine and Chloramines.
- \_ Activated Carbon ————— Ultra-fine coconut shell carbon.
- \_ High Density Sediment Layer ————— Eliminates sediments(mud, rust, sand, etc)5microns or larger.
- \_ Activated Carbon ————— Ultra-fine coconut shell carbon.
- \_ High Density Sediment Layer ————— Eliminates sediments(mud, rust, sand, etc)5microns or larger.

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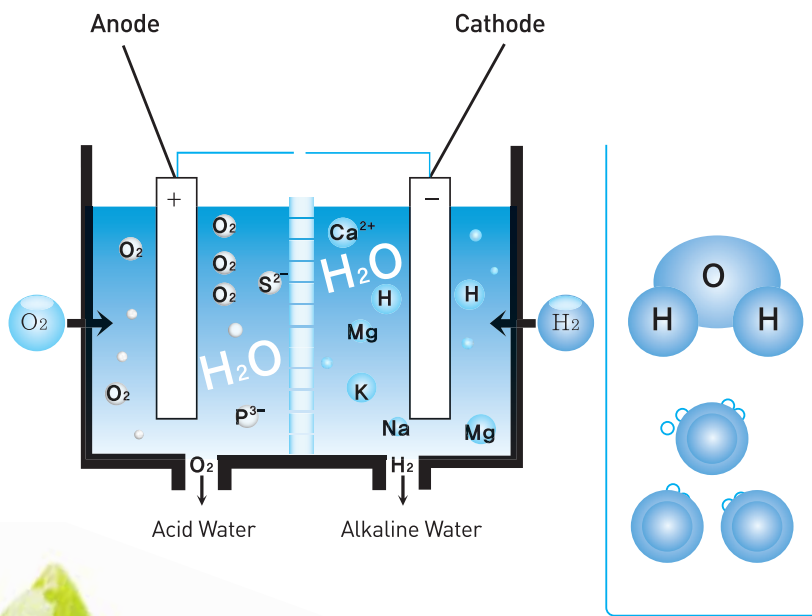
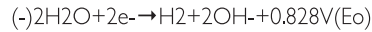
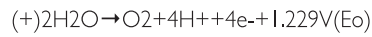


# Explanation of Ionized Water

With electrolyzed water, the cathode (-) produces Alkaline Ionized Water with minerals (pH scope 7.5~10) – such as Ca, K, Mg, Na, etc. because the hydroxyl ion (OH-) generate reaction.

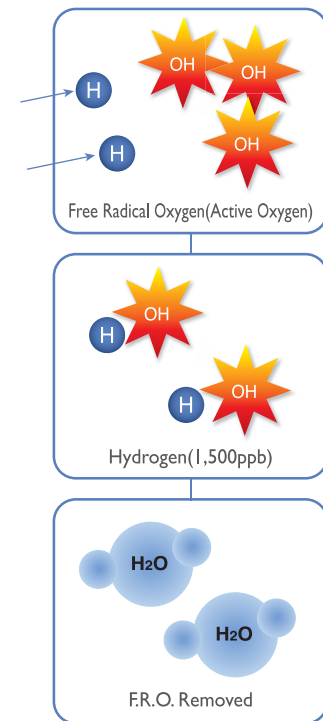
The anode (+) has lots of hydrogen (H+) (pH scope 3.5~6.5) because the oxygen gas (O<sub>2</sub>) generates a reaction and acid ion water has many ions such as Cl, S, P.

The Ionized Alkaline Water and acid ion water, made by a water ionizer, has characteristics as below.

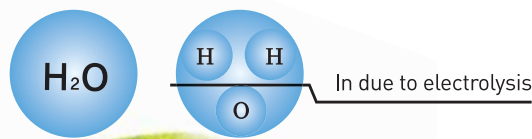


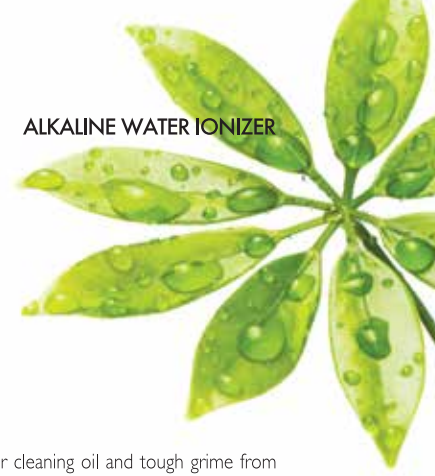
## F.R.O. REMOVAL

*Removal of free Radical Oxygen*



Free Radical Oxygen become H<sub>2</sub>O (F.R.O. is removed)





# Explanation of Ionized Water

## Usages of Ionized Alkaline Water (Drink)

### pH Water : 8.0-10.0

- \_ Absorbing, dissolving and heat conducting benefits.
- \_ Drinking : Drink 2-cups of Ionized Alkaline Water first thing in the morning. It is important to include vegetables in your diet. Eating substantial amounts of acidic food such as egg yolk, white rice, chicken, pork and beef may be part of your diet. Drinking Ionized Alkaline Water is equally important because it balances the acidic and Alkaline effects of these foods.
- \_ Food Preparation : Clean vegetables and fish, Enhance the flavor of broccoli, onions, etc. by pre-boiling them in Ionized Alkaline Water. Use less condiments and salt in your diet.
- \_ Rice : Use Ionized Alkaline Water for washing and cooking rice. The result is delicious and fluffy rice.
- \_ Tea : Taste and aroma are everything to many people. You will be surprised at the improved color, taste, and aroma. You can use less tea and still achieve a full rich taste.
- \_ Soups and Stews : Ionized Alkaline Water draws out the flavor of ingredients so they get tender and juicy. Therefore, it results in using less salt or soy sauce. This water is good for people who want to reduce their salt intake.
- \_ Plants : Watering plants and flowers. Ionized Alkaline Water extends the freshness and life of plants. Ionized Alkaline Water with a pH level of 9.0 can also restore the health of sick plants. Ionized Alkaline Water stimulates germination and improves seedling development.
- \_ Animals : Your animal's health will improve dramatically, Unpleasant body odor will decrease, as well as the odor of feces and urine.
- \_ Crafts : Excellent for dyeing cloths, as well as other craft works. You will love the vibrant colors obtained when using this water.
- \_ Health : Through continuous use, the acidic tendency of your body can be gradually corrected to an Alkaline levels. Drink at least half your body weight in ounces in order to gradually change an acidic level to a slightly alkaline one in a mouth
- \_ Colon cleansing : Warm the water to body temperature and use the colon cleansing unit to remove accumulated debris and waste.
- \_ Other Usage : One theory is that this water reduces free radicals. Recently, this water has been acclaimed as "Free Radical Water". It slows down aging and stabilizes body temperature.

### Highly Ionized Alkaline Water : pH 11.0+

- \_ Highly Ionized Alkaline Water preserves hygiene in our daily life due to its strong cleaning effect.
- \_ Food Preparation : Wash Vegetables and fruit.

- \_ Cleaning : Clean cutting boards with. Good for cleaning oil and tough grime from vents, as well as for general cleaning in the kitchen.
- \_ Stain Removal : The extra strength, absorption power will remove coffee, soy sauce and oil stains with ease. Also great for getting out stubborn toilet bowl stains.
- \_ Dishes : Use less detergent when hand - washing dishes. Save on water bills, as only one-third to one-fourth of the usual amount of water is required cleaning and for rinsing with detergent.

When the Alkaline button is pressed, Alkaline water will be dispensed from the top spout and acid water will be dispensed from the bottom spout.

## Uses for Purified Water (Drink for baby)

### pH Water : 7.0

- \_ Free of chlorine, rust and cloudiness. Clean water is delicious drinking water.
- \_ Children : Use purified water a pH of 7.0 when preparing baby food.
- \_ When the purify button is pressed, purified water will be dispensed from the bottom and top spouts.

## Uses for Acidic Water (Wash)

### pH Water : 4.0-6.0

- \_ Face wash
- \_ Hair Care
- \_ Bath Water
- \_ Pet Care
- \_ Rinse Cycle
- \_ Cooking beans
- \_ Fried Food
- \_ Frozen food
- \_ Stains
- \_ Dishes
- \_ Polishing
- \_ House Cleaning

When the Acid button is pressed, Acid water will be dispensed from the top spout and Alkaline water will be dispensed from the bottom spout.



## **27 PATENTS | 102 AWARDS | 57 CERTIFICATIONS**

**INDIAN HEAD OFFICE:** Mediqua India,72-78, United Metachem Campus, Mundhwa, Pune- 411036, M.S  
Phone: +918390423276 | Email: [customer care@mediquoindia.com](mailto:customer care@mediquoindia.com)

**HEAD OFFICE:** A-610, Cheonan Mirae Ace Hightechcity, 10 Baekseokgongdan 1-ro,  
Seobu-gu, Cheonan-si, Chungcheongnam-do, South Korea -31094

**FACTORY:** 2nd Floor, B-dong, 5 Ro 411, Sihwa Industrial Complex, 185 Byeolmang-ro,Danwon-gu, Anson- si,  
Gyeonggi-do, South Korea -15418

[www.mediquaindia.com](http://www.mediquaindia.com) | [mediqua.co.kr](http://mediqua.co.kr)