

AQUAFEW - FUNCTIONAL ELECTROLYZED WATER

WHAT IS IT?

Aquafew - Functional Electrolyzed Water (FEW) derives its efficacies from the electrolysis process, which alters the physical or chemical characteristics, such as the pH or oxygen level, of water, thereby creating a new form that is highly effective in obtaining specific results in many critical application.

A water with restructured properties bringing about functional abilities.

- As an antimicrobial food safety water
- As an antimicrobial hygienic water
- As an organic cleaning water

How is this water produced?

- Municipal tap water is used as a source water
- A small amount of salt (brine) is added
- The water is then processed through an electrolysis process
- The properties of pH, ORP, Ionic Product and Free Active Chlorine are redefined
- Two streams of functional water are produced

Two streams of water

- A primary stream of water with an alkaline pH, smaller water clusters, electron donating ability and highly energized
- A secondary stream of water with an acidic pH, smaller water clusters, electron scavenging ability and highly energized

Functional Alkaline Water and its properties

- pH range of 7.0 (mild) ~ 12.0 (intense)
- Oxidation Reduction Potential of >-1,000mV
- Improved permeating ability
- Effective nutrient carrier
- Effective electron donor
- Effective emulsifier

An effective cleaner to replace sodium hydroxide

Functional Acidic Water and its properties

- pH range of 6.5 (mild) ~ 2.3 (intense)
- Oxidation Reduction Potential of >+1,100mV
- Improved permeating ability
- Effective electron scavenger
- Effective antimicrobial

Low pH acidic water as an antimicrobial water

There are 5 properties within Functional Electrolyzed Low pH Water that contribute to its antimicrobial abilities

- Lower surface tension (ensures efficacious permeation)
- pH of 2.3 ~ 2.5 (softens the outer membrane of a microbe)
- Oxidation Reduction Potential of $>+1,100$ mV (oxidizes the life sustaining electron from the microbe)
- Free Active Chlorine of 20~30 ppm (ensures the kill)
- Higher state of energized ionic product

Benefits in its use

- Non-toxic, non-chemical, water based medium
- Safe to the handler and environment – FDA GRAS
- On site preparation
- Highly efficacious against a wide array of microbes, fungi, virus and certain spores
- A very flexible medium in a wide array of uses
- FDA-EPA-USDA recognized active ingredient - hypochlorous acid

A totally new paradigm in thinking

The popular sized systems

“Since the molecular structure of water is the essence of all life, the man who can control that structure in cellular systems will change the world.”

-Albert Szentt-Gyorgi, Nobel Prize Winner for Chemistry in 1937

Dimensions:

1 + 1 and 2 + 2 units -
19" width, 16" Depth, 22" high.

3 + 3 and 4 + 4 units -
29" width, 27" Depth, 22" high



2010 Pricing & Availability

Call

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Leasing available to qualified customers

