

# BRIEF INTRODUCTION OF MINERAL REDOX WATER SYSTEM

Mineral Redox system is the most advanced and revolutionary water treatment technology to rejuvenate tap water into pure, tasty and healthy water just like "Freshly scooped spring water".

"Freshly scooped spring water" contains alive water – very low ORP (Oxidation Reduction Potential = measurement of anti-oxidant condition), rich mineral, clean and decent amount Active Hydrogen.

Benefits of Active Hydrogen is

(1) Neutralizing notorious "Active Oxygen" in water and our body so it helps reducing the cause of numerous diseases of active oxygen.

"Active Hydrogen" is hard to produce and maintain in our daily life because

- (1) It requires high energy to cause chemical reaction of electrons.
- (2) "Active Hydrogen" is very responsive and unstable so it quickly reacts with other electrons and disappear = Oxidation reaction

"Active Oxygen" =  $O^-$  or  $O^+$ :

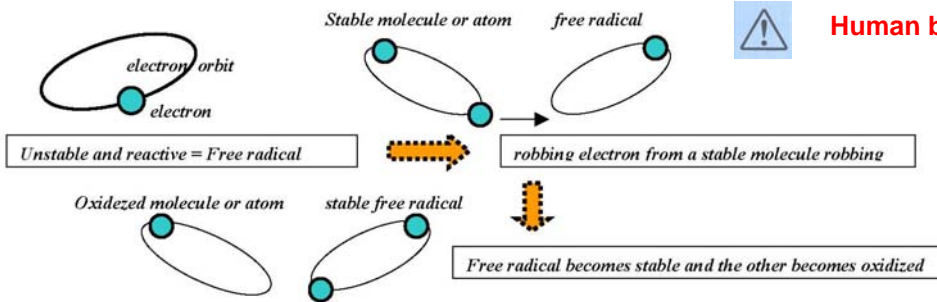
"Free Radical Reaction" theory Found in 1956 proved this active oxygen oxidize body cells or harm a certain gene to cause 90% of existing diseases. Exceeded amount of active oxygen radicals steal electrons from healthy biological molecules due to its powerful reaction. This oxidation can be measured by ORP = Oxidation Reduction Potential, the higher the number, the more oxidation.

Regular tap water measures +100mV ~ +300mV.

"Active Hydrogen" =  $H^-$

Active Hydrogen ( $H^-$ ) is reactive atom with single minus electron that will quickly connect itself with plus electron ( $H^+$ ) to become stable  $H_2$ . In regular tap water, only 0.1ppb/ml or less of these hydrogen atoms exist. If they can be produced many, that will cause them to be connected with atoms of active oxygen to produce harmless " $H_2O$ " = water.

Fresh spring water measures -100 ~ -300mV in ORP.



**Human body cannot produce Active Hydrogen by itself**

Key Points of "Active Hydrogen" to bring in human body

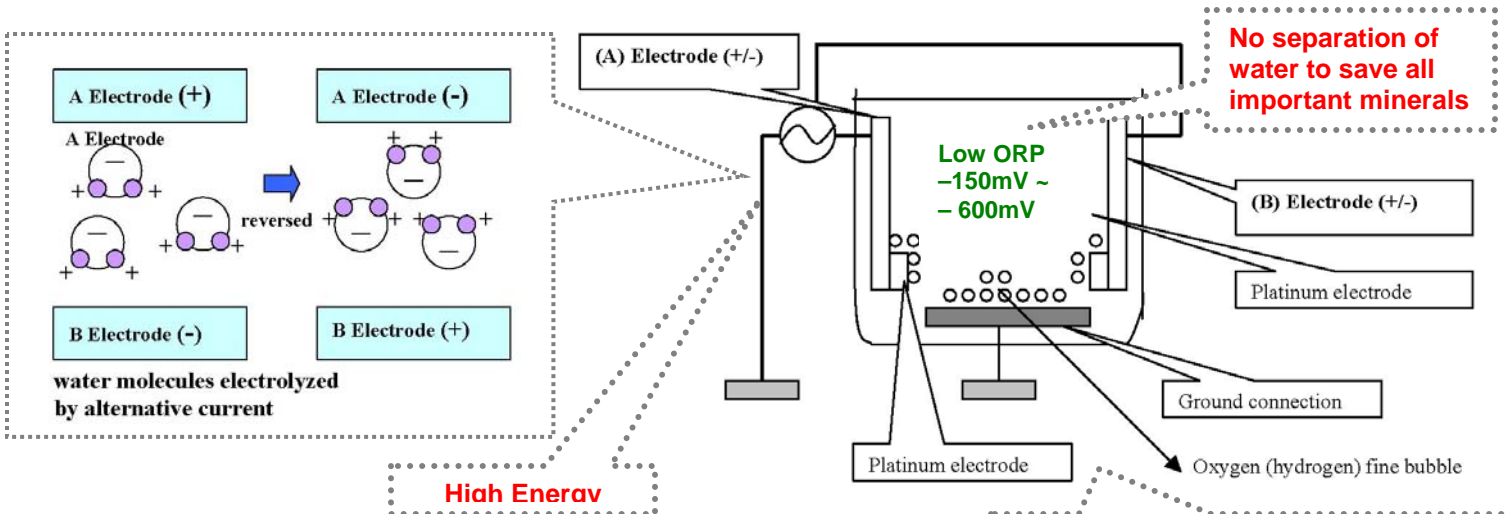
1. High Energy to produce it in water
2. Mineral molecules to be connected with  $H^-$
3. Low ORP maintained in water for long time under any temperature



**Natural anti-oxidation system is limited in out body.**

**The Worldwide Patented technology has provided solutions for (1) How to provide high energy in the water to produce abundant active hydrogen atoms (2) How to stabilize them in water and body**

**SUPER FREQUENCY MODULATION ELECTROLYZING SYSTEM – us patent# 5,435,894**



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