Hydrogen production technology with PEM

Both Mysuso and H2-365 are manufactured with a platinum-plated Proton Exchange Membrane (PEM). This diaphragm is located between the anode (+ pole) and the cathode (- pole) of the electrode, thus separating them. During the electrolysis process, the PEM membrane just allows hydrogen to be added to the water. Oxygen produced out of the electrolysis is removed out of the equipment as a gas.

Mysuso:



H2-365:





Benefits of Electrolysis with PEM Membrane

- 1. Pure hydrogen is produced.
- 2. Oxygen is not added to the water. It is removed from the equipment as a gas.
- 3. Chlorine is removed from the water.
- 4. Water with any level of mineralization can be used.
- 5. Water from the tap, mineral water, purified water and distilled water may be used.
- 6. High hydrogen concentration (more than 1,000 ppb) is produced in little time.
- 7. Antioxidant hydrogen potential greater than -500 mv.
- 8. Long-lasting electrode.
- 9. No maintenance required.
- 10. Rich hydrogen water with neutral pH, consistent with the one of body cells and organs.