



Hydrogen Technology Applications, Inc.

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The Technology

A unique type of hydrogen/oxygen gas mixture

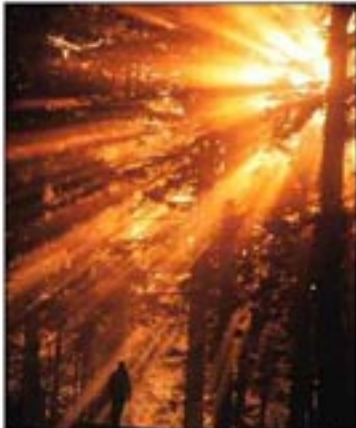
Our technology centers on the ability to generate a unique type of hydrogen/oxygen gas mixture (a "unique gas", which we call "Aquygen™" gas) on demand from a lightweight, compact machine that uses the water electrolysis process as its underlying technology basis.

This unique gas is infinitely stable until it comes in contact with a select target media. Then it sublimates, causing a molecular surface exchange of certain elements, reacting with such excitation as to cause temperatures of up to 10,000° F, the temperature of our Sun's surface, which is currently the limits of our ability to measure.

The ability to create this stable, unique gas on demand from a water electrochemical generator is of great strategic importance, especially because (1) it offers a workable energy level per pound of fuel that is ten-to-twelve times that of gasoline; (2) when combusted/ignited, it causes no hydrocarbon effluents such as NOX, nitrites, nitrates, etc., and (3) its by-product from combustion is pure, environmentally-friendly water.

These discoveries

have led us, through the work of our research and development team, to design and develop practical applications that use this unique gas and gas-generating device, which range from consumer products (such as home heating equipment) to industrial applications (such as power generators and combustion engine hybrid systems).



Our first commercial application using this technology is the [H₂O Model 1500 Aquygen™ Gas Generator](#) used as a welding and cutting machine. Although in its own right a highly innovative product, this is just the tip of the iceberg when it comes to the potential commercial uses for our technology. Of greater significance is the opportunity it presents as an introduction to the world of its evolutionary, underlying technology.

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[The Electrolyzer](#)

Want a demonstration of our technology? Please [contact us](#).
Located in the Tampa Bay area, upon request and time permitting, we offer demonstrations to those who are interested
(investors, dealers, licensees, strategic business partners).