

Hy9 Corporation introduces the HPS series of Hydrogen Purifiers for the laboratory and scientific market, ensuring consistent availability of 99.9999+% pure hydrogen and eliminating the routine maintenance of changing absorbent cartridges.

Hopkinton, MA – (Marketwire – July 9, 2009) – Hy9 Corporation (<http://www.hy9.com>), a manufacturer of high performance fuel processing and hydrogen purification systems for the portable and stationary/backup power, industrial gas and transportation markets, is introducing the HPS series of palladium membrane hydrogen purifiers for manufacturers of laboratory gas generators. The HPS purifiers are available for immediate order in two form factors and capacities ranging from 100 cc/min. to 5 liters/min.

“Hy9’s palladium membrane purification technologies ensure reliable production of high purity hydrogen without contaminants or the need for exchanging purification absorbent cartridges. Other purification systems are generally ineffective in reliably delivering high purity hydrogen and require periodic maintenance.” states Brad Bradshaw, Hy9 CEO.

- **Robust and Reliable Designs** - Hy9 purifiers employ planar palladium/copper alloy materials that are not subject to hydrogen induced metal fatigue during thermal cycles as are other palladium alloys. Hy9 has close to 1,000 hydrogen purifiers operating in customer facilities with approximately 3 million hours of operation over a period of nearly 9 years without a single known field failure.
- **Economical** - The value proposition of HPS purifiers is very compelling for the users of generators utilizing HPS systems. The HPS purifier absolutely separates hydrogen from hydrogen containing gas mixtures by permeation of only hydrogen through the membrane. Laboratory staff no longer need be concerned with monitoring the condition of an absorbent cartridge or the damage that could result from water vapor or impurities contaminating expensive analytical equipment.

About Hy9 Corporation

Based in Hopkinton, Massachusetts (USA), [Hy9 Corporation](http://www.hy9.com) designs, manufactures and sells low-cost, high-performance fuel processing and hydrogen purification systems for the portable and stationary/backup power, industrial gas and transportation markets. Hy9’s HPS purifiers for laboratory gas generators enable electrolyzer manufacturers to integrate and provide their customers a zero maintenance, low-cost, high-purity solution for generating hydrogen. HPS purifiers give customers the assurance that they are consistently and reliably receiving hydrogen for their gas chromatography and flame ionization detectors at greater than 99.9999% purity.

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