

Parker Balston® PEM Hydrogen Generators

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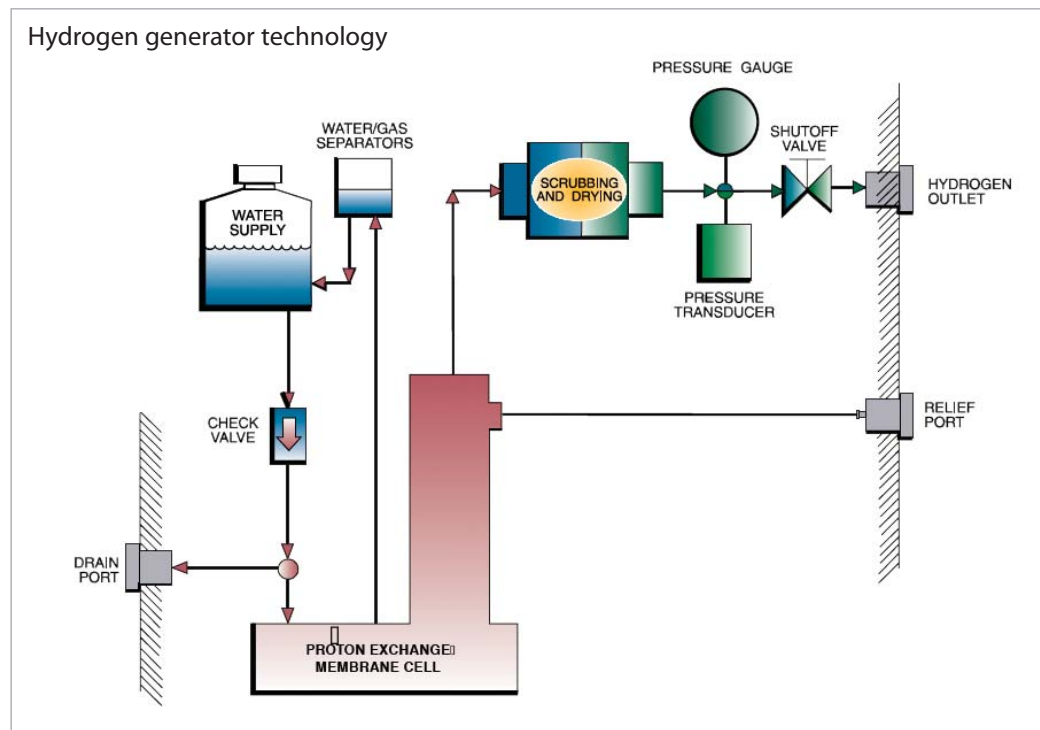


- Cost effective, convenient, and safe alternative to high-pressure gas cylinders.
- Reliably generate 99.9995% pure hydrogen for better chromatography.
- Quick and easy to maintain; require only minutes a year!

Fuel-grade high purity hydrogen generators are a safe, cost-effective alternative to high-pressure gas cylinders. Parker Balston® hydrogen generators are engineered for safety and feature a built-in sensing circuit which shuts down the generator automatically if a hydrogen leak is detected. These generators are also designed for performance and convenience. They include an exclusive water management system and control circuitry to maximize uptime, and also feature indicator lighting, which allows at-a-glance status checks and water level monitoring. Hydrogen generators offer enhanced safety and convenience, and are cost-effective. Based on cylinder gas savings alone, a hydrogen generator pays for itself in only one or two years.

Parker Balston® hydrogen generators are reliable and easy to use and maintain. Deionized water is all that is required to generate hydrogen for weeks of continuous operation. Each generator has an output capacity of up to 510cc/minute—enough to supply 99.9995% pure hydrogen for several GC-FID systems. The new Proton Exchange Membrane (PEM) cell eliminates the need for liquid electrolytes. Maintenance requires only a few moments a year—no inconvenient, extended downtime. Simply change the filters every six months, the hydration pump biannually, and the desiccant cartridge whenever it turns from beige to clear.

These units are compact, requiring only one square foot of bench space, and come with a set of universal power adaptors for U.S., European and Asian plug types. Produced and supported by an ISO 9001 registered organization, Parker Balston® hydrogen generators are the first built to meet the toughest laboratory standards in the world: CSA, UL, cUL, and CE Mark.



new & improved!

Hydrogen generators now come with a set of universal power adaptors for US, European, and Asian plug types.

for more info

Looking for more information on Parker Hydrogen Generators? Download free technical literature from www.restek.com.

Fast Facts Lit. Cat.# 580053A

All Parker Balston® hydrogen generators meet NFPA requirements and OSHA 1910.103 regulations governing the storage of hydrogen.