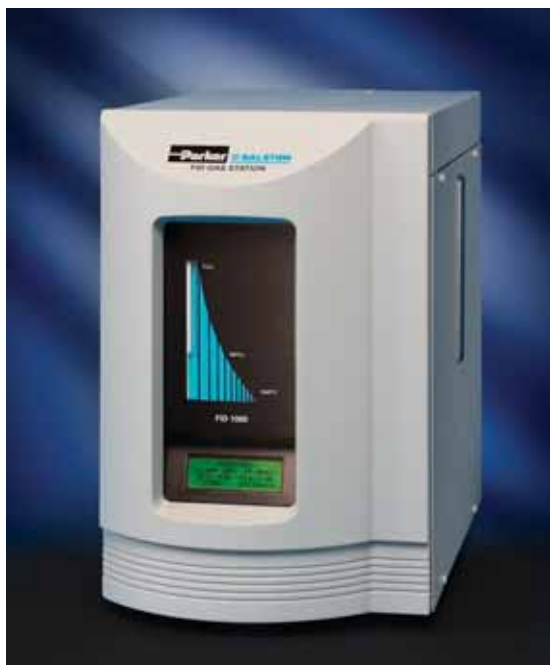
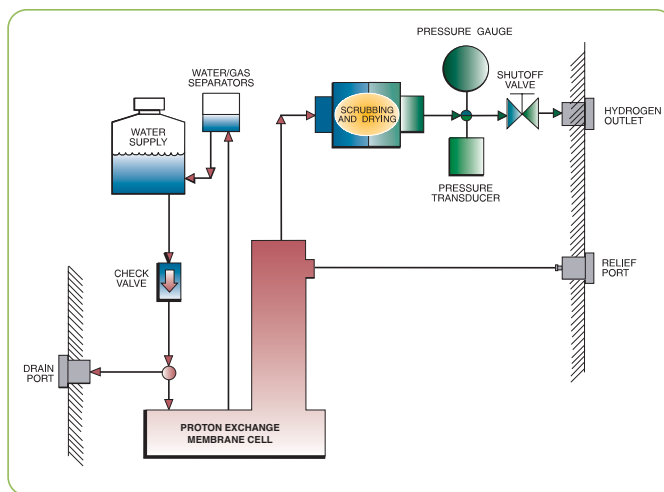


Parker Balston® FID Gas Station

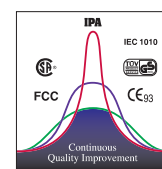
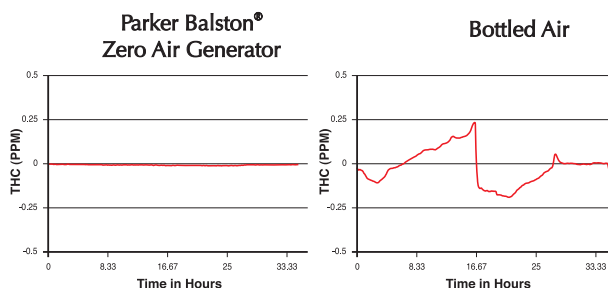


Hydrolysis of Water Followed by Membrane Separation of Hydrogen from Oxygen



Baseline Comparison

The chromatograms compare baselines produced by a Parker Balston Zero Air Generator and bottled air. The baseline produced by the Parker Balston Generator is very flat, with no fluctuations or baseline shifts, in comparison with the chromatogram of the bottled air fuel supply, which has many baseline shifts ranging from 0.25ppm to -0.25ppm.



Built to International Standards

Produced and supported by an ISO 9001 registered organization, Parker Balston® generators are the first built to meet the toughest laboratory standards in the world: CSA, UL, CE, and IEC 1010.

Specifications:

FID-1000	Hydrogen Specification	Zero Air
Product Purity:	99.9995% Pure Hydrogen	<0.1ppm THC
Flow Rate:	90 cc/min	1,000cc/min
Delivery Pressure:	0-90 psi	40-125 psi
Inlet Connection:	NA	1/4" NPT (female)
Power Requirements:	120 VAC/amp	
Dimensions:	16.5" H x 10.5" W x 17" D	
Weight Dry:	46 lbs	
Outlet:	1/8" Compression	

FID Gas Station Ordering Information

Cat. No.	Description
FID-1000	FID Gas Station, 110V

- Save time and avoid injury by eliminating hydrogen and air cylinders
- Save bench space by using one unit to replace two generators
- Generate UHP zero grade air from compressed air
- Generate pure hydrogen (99.9995%) from deionized water
- Ideal for 2 FIDs
- Payback period of approximately 14 months
- Automatic water fill capability
- Silent operation and minimal operator attention required

Gas Generator Benefits

The FID-1000 FID Gas Station is a complete system with state-of-the-art, highly reliable components engineered for easy installation, operation, and long term performance. The Parker Balston FID-1000 FID Gas Station eliminates all the inconveniences and cost of zero air and hydrogen cylinder gas supplies and dependence on outside vendors. Uncontrollable price increases, contract negotiations, long term commitments, and tank rentals are no longer a concern. With the FID Gas Generator, you control your gas supply.

Proven Technology

The Parker Balston's FID-1000 FID Gas Station provides both hydrogen gas and zero grade air for FID detectors on gas chromatographs. This system is specifically designed to provide fuel gas to 2 Flame Ionization Detectors.

Zero Air Technology

Zero air is produced by purifying onsite compressed air to a total hydrocarbon concentration of less than 0.1ppm (measured as methane). The FID-1000 FID Gas Station produces up to 1000cc/min of zero grade air.

Meets OSHA and NFPA Requirements

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