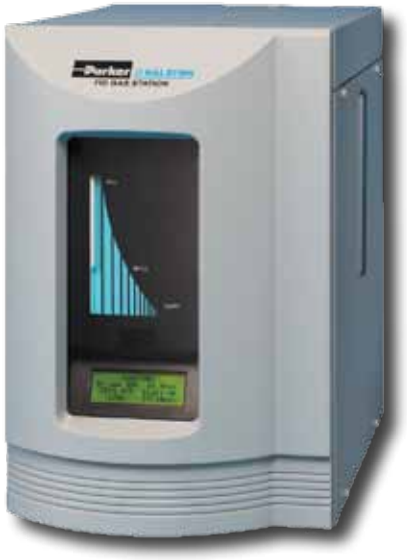
GC Gas Stations



Features & Benefits

- Ideal for up to 3 FIDs and 3 capillary columns
- Produces UHP Zero Air from house compressed air (< 0.05 ppm THC) and 99.99999+% pure hydrogen in one enclosure
- Eliminates inconvenient and dangerous zero air, helium and hydrogen cylinders from the laboratory
- Increases the accuracy of analysis and reduces the cleaning requirement of the detector
- Recommended and used by many GC and column manufacturers
- Payback period of typically less than one year
- Automatic water fill as standard
- Silent operation and minimal operator attention required

Parker Balston's GCGS-7890 GC Gas Station can provide both hydrogen gas and zero grade air for FID detectors on Gas Chromatographs. This system is specifically designed to provide fuel gas, support air, and hydrogen carrier gas.

Hydrogen gas is produced from deionized water using a Proton Exchange Membrane Cell. The hydrogen generator compartment utilizes the principle of electrolytic dissociation of water and hydrogen proton conduction through the membrane. The hydrogen supply produces up to 500 cc/min of 99.99999+% pure hydrogen with pressures up to 100 psig. Zero Air is produced by purifying on-site compressed air to a total hydrocarbon concentration of less than 0.05 ppm (measured as methane). The zero air supply is up to 3500 cc/min of Zero Grade Air.

The Parker Balston GCGS-7890 GC Gas Station will eliminate all the inconveniences and cost of zero air, helium and hydrogen cylinder gas supplies and dependence on outside vendors. With a GC Gas Station, you control your gas supply. All Parker Balston gas generators meet NFPA 50A and OSHA 1910.103 regulations governing the storage of hydrogen.

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

GC Gas Station Selection Chart

Model Number	# of FIDs	# of Columns
GCGS-7890	Up to 3 FIDs	Up to 3