

Hydrogen Generator

ULTRA HIGH PURITY HYDROGEN GENERATOR



ООО "Орбис"
Официальное представительство
ALI на территории РФ

www.orbiscorp.ru

ПРОДУКТ BRIEF
ULTRA HIGH PURITY HYDROGEN GENERATOR

KEY BENEFITS

- **Safe, economical, low maintenance alternative to high pressure hydrogen cylinders** Hydrogen generators offer equal-to or better hydrogen purity when compared to high pressure hydrogen cylinders, allowing for a more stable response and baseline.
- **These highly reliable hydrogen generators deliver ultra high purity hydrogen that can be used for either fuel gas for flame ionization detectors or carrier gas for gas chromatography.**
- **Airborne Labs International (ALI) offers several different models of hydrogen generators, ranging from 100 cc/min to 600 cc/min. These hydrogen generators are completely maintenance free, requiring no maintenance cost after the unit has been put into service.**
- **Internal diagnostic features notify users of system leaks, out-of-spec water and system errors to quickly and efficiently troubleshoot problems and minimize downtime of generators.**
- **Product Support: All hydrogen generator units come with a 1 year manufacturer warranty. These units are supported by world-wide, regional service agents. Technical support, spare parts, repair and maintenance, and various types of training options are available including webinar-based training.**



PARKER-BALSTON® HYDROGEN GENERATOR



PROTON ON-SITE® HYDROGEN GENERATOR



PRODUCT SPECIFICATIONS	Parker-Balston H2PEM-100	Proton On-Site HOGEN-300	Proton On-Site HOGEN-600
Pure Hydrogen Output Rate	100 cc/min	300 cc/min	600 cc/min
Electrolyte Sestem	Proton Exchange Membrane (PEM) solid electrolyte, maintenance and caustic-free		
Hydrogen Purification	Palladium Membrane, maintenance-free		
Delivery Pressure PSIG (BAR)	5 to 100 psig (0.3 to 6.89 bar)	30 to 200 psig (2.07 to 13.79 bar)	30 to 200 psig (2.07 to 13.79 bar)
Purity (Assay, %)	99.999%	99.9999%	99.9999%
Auto-Fill Water Replenishment	Optional (Factory or Field Fit Kit)	Standard	Standard
Water Quality Required (Minimum)	Deionized, ASTM Type II Deionized Water required (<1 micro Siemen/cm, >1 megOhm-cm)		
Electrical Supply Required	110 to 220 VAC, single phase, 50 or 60 HZ		



Airborne Labs International

ISO / IEC 17025:2005

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