

Hydrogen Generators



Parker Balston® Hydrogen Generators eliminate the need for expensive, dangerous, high pressure cylinders of hydrogen in the laboratory. It is no longer necessary to interrupt important analyses to change cylinders. Generator flow capacities of up to 1200 cc/min. of ultra-high purity hydrogen are available. Parker Balston® Hydrogen Generators are compact benchtop instruments designed for use in the laboratory or in the field.

Parker Balston® Hydrogen Generators offer many special features to ensure safe and convenient operation. These features include low-water audible alarms to indicate when the water reservoir needs filling and automatic shutdown to protect expensive laboratory equipment.

Hydrogen Generators for Fuel and Carrier Gas

Models H2PD-150, H2PD-300, H2-500NA, H2-800NA, H2-1200NA

Hydrogen Purity: 99.99999+%

Oxygen Content: < .01 ppm

Moisture Content: < 1.0 ppm

Flow Rates:

H2PD-150: 150 cc/min

H2PD-300: 300 cc/min

H2-500NA: 500 cc/min

H2-800NA: 800 cc/min

H2-1200NA: 1200 cc/min

Palladium included on all models

Hydrogen Generators for Fuel Gas

Models H2PEM-100, H2PEM-165, H2PEM-260, H2PEM-510

Purity: 99.9995%

Delivery Pressure: 5-100 psig +/- 0.5 psig

Flow Rates:

H2PEM-100: 100 cc/min

H2PEM-165: 165 cc/min

H2PEM-260: 260 cc/min

H2PEM-510: 510 cc/min

Palladium included: No

Desiccant included on all models