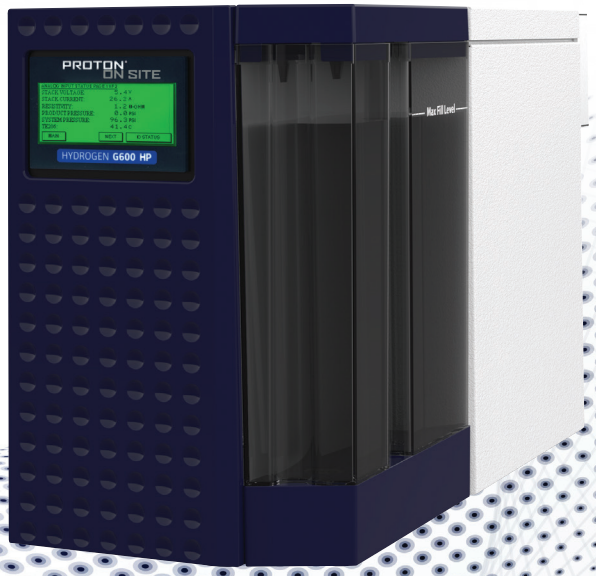
PROTON®
ON SITE

Technical Specifications

Hydrogen G200/G400/G600/G600-HP

Laboratory Hydrogen Gas Generator

5YR
Cellstack
Warranty



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MODEL	G200	G400	G600	G600-HP
Technology Employed	Proton Exchange Membrane (PEM) Solid Electrolyte Maintenance-Free and Caustic-Free			
Flow Rate[1]	200 cc/min	400 cc/min	600 cc/min	600 cc/min
Output Pressure	43 to 116 psig / 3 to 8 barg			
Purity	99.9995% (H_2O < 5 ppmv, O_2 < 1 ppmv)			99.99999% (H_2O < 100 ppbv)
Di Water Supply	Deionized, ASTM Type II, > 1 MΩ-cm (< 1 µS/cm) < 0.5 ppm, Total Dissolved Solids			
Di Water Feed Pressure Spec for Auto-Fill	10 to 20 psig / 0.7 to 1.4 barg			
Water Consumption Rate	12 cc/hr 0.29 L/day	24 cc/ hr 0.58 L/day	36 cc/hr 0.86 L/day	36 cc/hr 0.86 L/day
Power Consumption Rate	< 110 W	< 180 W	< 250 W	< 250 W
External Di Water Tank Capacity	2.75L			
Electrical Supply	120 to 230 VAC, Auto Ranging, 50/60 Hz			
Fuse Rating	5 A	5 A	8 A	8 A
Operating Temperature	40°F to 104°F / 5°C to 40°C			
Storage/Transport Temperature	40°F to 140°F / 5°C to 60°C			
Environmental Moisture	80% RH, Non-Condensing			
Max Altitude	6,560 ft / 2,000 m Above Sea Level			
Unit Dimensions (H X W X D)	14.5" x 9" x 21.75" 36.8 cm x 22.9 cm x 55.2 cm			14.5" x 12" x 21.75 " 36.8 cm x 30.5 cm x 55.2 cm
Unit Weight	67 lbs / 30 kg			70 lbs / 31.8 kg
ADDITIONAL FEATURES				
	Maintenance Reminder			
	Removable Water Feed Tank			
	Report Alarms			
	Touch Screen Display			
CERTIFICATION				
	CE, cTUVus (IEC/UL/CSA 61010-1)			

Specifications are subject to change.

[1] Measured at standard conditions: 21°C, 1 Atmosphere.

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Certified to ISO 9001:2015

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