

Hydrogen G4800

Laboratory Hydrogen Gas Generator



MODEL	G4800
Technologies Employed	Proton Exchange Membrane (PEM) Solid Electrolyte Maintenance-Free and Caustic-Free
Flow Rate ¹	4800 cc/min
Output Pressure	0 to 13.8 barg / 0 to 200 psig w/optional Regulator
Purity	99.9999+% (H ₂ O < 1 ppm, N ₂ & O ₂ < 1 ppm, hydrocarbons/halocarbons < 1 ppb)
DI Water Supply	Deionized, ASTM Type II, > 1 Meg Ohm-cm (< 1 microSiemen/cm)
DI Water Feed Pressure Spec for Auto-Fill	1.5 - 4 barg / 21.8 - 58 psig
Water Consumption Rate	235 cc/hr 5.64 L/day
Power Consumption Rate	1775.5 W
Hydrogen Inventory at Full Capacity	< 2 g
Electrical Supply Required	205 - 240 VAC, Single Phase, 50/60 Hz, hard wired
Electrical Service Rating	4 kVA
Operating Environment	Indoor, non-classified, 40°F to 95°F / 5°C to 35°C, < 90% RH, ventilated
Storage/Transport Temperature	40°F to 140°F / 5°C to 60°C
Max Altitude	2000 m / 6560 ft above sea level
Duty Cycle	100% (24/7/365)
Dimensions, H X D X W	
Product	42" x 38" x 31" / 107 cm x 97 cm x 79 cm
Est. Shipping	52" x 45" x 38" / 132 cm x 114 cm x 97 cm
Weight	
Product	475 lbs / 215 kg
Est. Shipping	650 lbs / 295 kg
ADDITIONAL FEATURES	
	Automatic Leak Detection
	Maintenance Reminder
	Report Alarms
COMPLIANCE	
	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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