

HyGen 200/400/600

Laboratory Hydrogen Gas Generator





TECHNICAL FEATURES	HyGen 200	HyGen 400	HyGen 600
FLOW RATE*	200 cc / min	400 cc / min	600 cc / min
TECHNOLOGIES EMPLOYED	Proton Exchange Membrane (PEM) solid electrolyte, maintenance and caustic-free		
OUTPUT PRESSURE	2 to 8 barg / 30 to 116 psi		
PURITY	99.9999% (H ₂ O < 5 ppmv, O ₂ < 1 ppmv)		
WATER SUPPLY	Deionized, ASTM Type II, > 1 MegOhm-cm (< 1 micro Siemen/cm)		
ELECTRICAL SUPPLY	115 / 230VAC ± 10%, 50/60 Hz		
INDEX OF PROTECTION	IP20		
OPERATING TEMPERATURE	40°F to 95°F / 5°C to 35°C		
ENVIRONMENTAL MOISTURE	80%, no condensation		
MAX ALTITUDE	2000 m or 6560 ft above sea level		
DIMENSIONS	15.8" + 2.8" (H) CPU x 14.9" (W) x 20.8" (D) 40 cm + 7 cm (H) CPU x 38 cm (W) x 53 cm (D)		
WEIGHT	67 lbs / 30 kg		
APPLICATIONS	Gas Chromatography, detector feed FID, NPD, FPD, TCD, HWD or to supply carrier gas		
ADDITIONAL FEATURES	Stackable		
	CPU for control up to 32 units		
	Use balancing for parallel connection		
	Removable water feed tank		
	CAN-BUS communication		
	Maintenance diary		
	Report alarms		
ACCESSORIES	UHP filtration kit		
	Installation kit		
	Automatic 2 sources switch kit		

*Measured at standard conditions



PD-0600-0072 Rev. B.
 © 2010 Proton OnSite. All Rights Reserved.
 Proton, Proton OnSite, Proton Energy Systems, HOGEN, and the Proton symbol are trademarks of Proton Energy Systems, Inc. d/b/a Proton OnSite.

