



H₂Flow

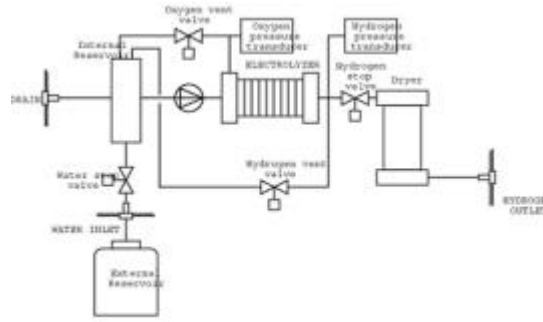
The H₂Flow hydrogen generators from In House Gas, offer a reliable and safe alternative to cylinder stored hydrogen. Producing up to 600cc/min of high purity hydrogen, the H₂Flow range is compact and efficient. It produces hydrogen only when demanded by the application and leak alarms ensure complete peace of mind for the user.

The H₂Flow is covered by our standard 2 Year Warranty and we have a range of Service Support plans available.

- Desk or rackmount version available
- External water tank
- Stainless steel dryer ensures high purity hydrogen gas stream to application
- Using hydrogen as a carrier gas speeds up analysis time and increases chromatographic resolution
- Operating pressure up to 80 psi/6 barg

How does the H₂Flow generator work?

Hydrogen is produced via an electrolytic cell. Demineralised water flows into this cell from a small water tank which is located externally. The electrolyte produces hydrogen gas and the oxygen is expelled safely to atmosphere. The hydrogen passes through a stainless steel desiccant cartridge for moisture removal.



Technical Specification

Model	Part No:	Purity	Flow	Operating Pressure	Power Requirements	Dimensions dxwxh (cm)	Weight (kg)
H ₂ Flow 200	0HB00	>99.99999%	200cc/min	0-6 barg*	115-230VAC/50-60Hz	50x40x31	19
H ₂ Flow 200-R	0HB00-R	>99.99999%	200cc/min	0-6 barg*	115-230VAC 50/60Hz	38x48x31	20
H ₂ Flow 400	0HD00	>99.99999%	400cc/min	0-6 barg*	115-230VAC 50/60Hz	50x40x31	21
H ₂ Flow 600	0HF00	>99.99999%	600cc/min	0-6 barg*	115-230VAC 50/60Hz	50x40x31	23

Applications:



FID
NPD
ELCD
HALL
HWD
Carrier Gas

Customer Testimonial

"Before we purchased a H₂Flow 200, sometimes our gas would run out when the GC equipment wasn't in use and air would leak into the expensive capillary columns and slowly damage them. The gas would frequently run out during analysis, which was very frustrating, and the extra time incurred repeating everything would cause a delay in production. By investing in gas generators we have eliminated these problems and made considerable savings in time and money," Ian Brown, Avecia Ltd

Customer references are available from In House Gas.

In House Gas offer a number of flexible purchase, lease and rental options. Contact your local representative or our Killearn office for details.



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