

SRI Model H2-100 Hydrogen Generator



Make GC quality hydrogen from distilled water.

100ml/minute flow 50 psi outlet pressure

22" x 14" x 20" Shipping weight 52 lbs.

115 or 230VAC power 100 watts

Quiet operation

One Year warranty

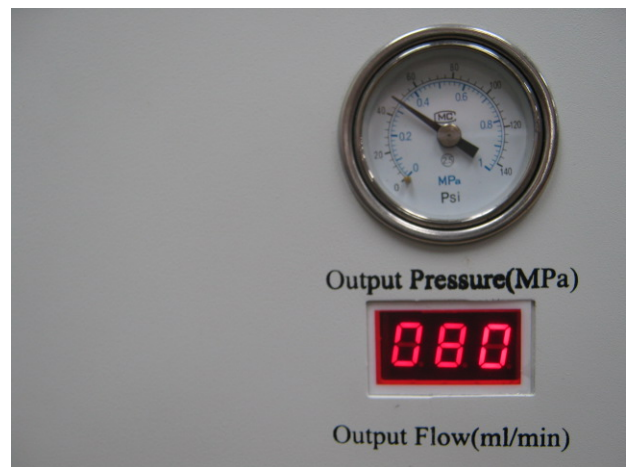
The SRI Model H2-100 is a perfect solution for labs which prefer not to have hydrogen cylinders. The H2-100 makes up to 100ml/minute of GC quality hydrogen from distilled water.

The outlet pressure is set to 50 psi but can be adjusted down if required. A quality 1/8" Swagelok style stainless steel outlet fitting makes connection to your GC easy, and a quick shut-off toggle valve provides instant on/off control.

A digital flow display shows H2 usage, and the handy pressure gage confirm proper operation.

To order:

SRI part# 2014-H100 specify voltage (115/230)
100ml/minute hydrogen generator
(US\$3025. May 2014) **AUD TBA**



SRI (H2-40XR) Hydrogen Generator
Warranty (Sept 2006+)
& New H2-100 where applicable

1) All parts except consumable items (see list below) are warranted for 2 years from date of shipment. SRI will replace or repair any parts which fail during the 2 year warranty period.

2) Consumable parts (H2 cell, water filter element, Nafion dryer tube, Nafion cell membrane, and peristaltic pump tubing) are not warranted and must be serviced or replaced by the user as necessary. These parts are designed to be easily user serviceable. A maintenance kit is available as are the individual consumable items.

8670-0353	H2 cell (complete) exchange required	\$495.
8690-0151	Nafion membrane	\$100
8690-0152	Nafion Dryer Tube	\$200
8690-0153	Water Filter element	\$25
8670-0071	Peristaltic Pump Tubing	\$100
8670-9008	Maintenance Kit (all of the above except complete cell	\$425
8670-1341	Hydrocarbon Trap (optional)	\$75
8670-1340	Oxygen Trap (optional)	\$150

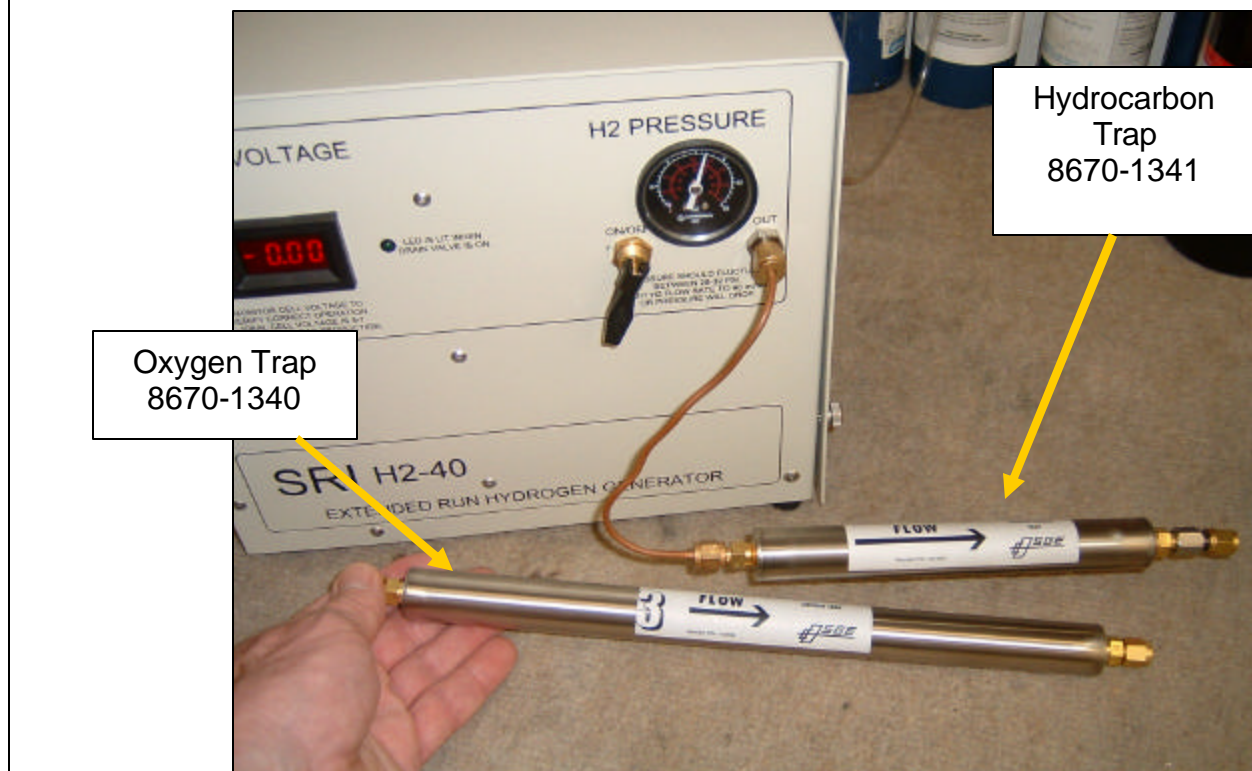
3) SRI will pay the cost of domestic 2nd day shipping for warranty parts sent to user. Customers outside of the USA bear the cost of international shipping charges, duties, taxes, etc.

4) Complete H2 cell assemblies are available on an exchange basis (user returns old cell) for those customers who choose not to perform their own membrane replacement.

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If you are using the hydrogen produced by the H240-XR for FID combustion gas, no extra filters are required. If you use the hydrogen for carrier gas however it may be necessary to add an oxygen trap between the H240-XR and the GC carrier gas inlet to remove residual oxygen which could damage the column at high temperatures (more than 200C for non-polar columns, 150C for polar columns). Column damage appears as a high background or excessive column bleed. A hydrocarbon/water trap is also a good idea to make the oxygen trap last longer. Some chromatographers even use an indicating oxygen trap after the main oxygen trap to alert them when the main oxygen trap becomes depleted.



Oxygen Trap
8670-1340

Hydrocarbon
Trap
8670-1341

H2GenWarranty.pub

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