

Precision Hydrogen SL

Hydrogen generator for GC detectors

Part Number : See Reverse

Service Kit : See Reverse



Your local gas generation partner

Description

The smallest hydrogen generator for GC-FID, the Precision hydrogen SL line has been developed to offer a streamlined laboratory-grade hydrogen gas solution for GC flame detectors at a purity of 99.9995%. Precision hydrogen SL is safe, simple to use, easy to maintain and takes up minimal bench space.

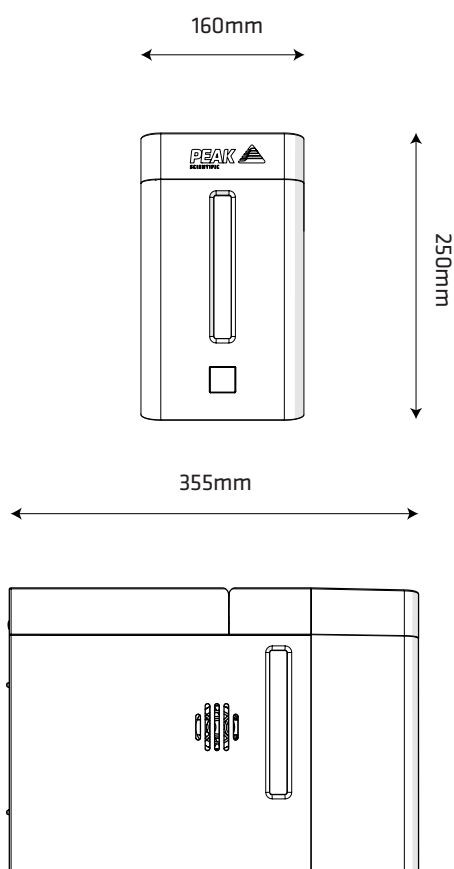
With an impressive, streamlined form factor, Precision Hydrogen SL produces hydrogen at up to 200cc/min with no compromise on safety. A range of features ensure that Precision SL will produce hydrogen safely, storing a minimal volume of gas compared to cylinders.

This generator also comes in a choice of black or white and includes a 2 year warranty as standard.



Applications

- GC flame detectors



Key Features

- 2 models – 100cc and 200cc
- 99.9995% purity @ 100 psi
- One-button start-up and shutdown
- Easy end-user managed servicing
- Optional auto-water fill or pressurized water fill
- Auto-shutdown fail-safe feature
- CE compliant
- 2 year comprehensive warranty
- Available in black or white

| Technical Specifications | Precision Hydrogen SL 100 | Precision Hydrogen SL 200 |
|------------------------------|--|---------------------------|
| Max Flow Rate* | 100cc/min | 200cc/min |
| Max Pressure | 100psi / 6.9bar | |
| Purity | 99.9995% | |
| Gas Outlets | 1 x 1/8" Swagelok compression fitting | |
| Water Purity Requirement | ASTM Type II (<1 µS/cm / >1 MΩ-cm) | |
| Water Consumption | Up to 0.12L/day | Up to 0.24L/day |
| Dew point | -60°C | |
| Operating Temperature | 10°C - 35°C / 50°F - 95°F | |
| Electrical Requirements | 100 - 240v ±10%/50/60 Hz/6A Max. | |
| Power Consumption | 83.8 VA (100v, 50 Hz)/85.3 VA (100v, 60 Hz)/ 102 VA (230v, 50/60 Hz) | |
| Heat Output | 983 BTU/hr | |
| Generator Dimensions (HxWxD) | 250 x 160 x 355 mm / 9.9 x 6.3 x 14" | |
| Generator Weight | 8Kg (17.7lbs) | |

* All flow rates are stated in sccm at 273.15K and 1.01bar

| Ordering Information | | |
|---------------------------------------|---------------------------------|-------------------|
| Manual Fill Part Number B/W | 3302946 / 3302943 | 3302952 / 3302949 |
| Auto-Water Fill Part Number B/W | 3302947 / 3302944 | 3302953 / 3302950 |
| Presurized Water Fill Part Number B/W | 3302948 / 3302945 | 3302954 / 3302951 |
| Desiccant Capsule | 3302581 | |
| De-ioniser Cartridge | 3302583 | |
| Annual Service | www.peakscientific.com/ordering | |

[PEAK Protected]™

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed by a 2 year warranty*. Beyond this period however you can ensure that your investment continues to be **[Protected]** by our comprehensive generator care cover.

Our world-class aftercare support packages deliver a program of scheduled preventative maintenance whilst giving you the reassurance of instant access to worldwide technical support and priority on-site response in the untimely event of a breakdown.

* Year 2 of warranty subject to maintenance being performed in accordance with fixed annual maintenance schedule.

For full terms and conditions visit www.peakscientific.com/warranty-statement

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Peak Scientific's Quality Management System conforms to: ISO:9001:2008



FM 515973



Product Certifications

