

Precision Hydrogen SL SMZ

Hydrogen generator for Shimadzu GC-FID

Part Number : See Reverse

Service Kit : See Reverse

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Your local **gas generation** partner

Description

Precision SL SMZ has been developed in partnership with Shimadzu to provide a laboratory-grade hydrogen gas solution for the supply of carrier and detector hydrogen for GC-FID. With 99.9995% purity, Precision SL SMZ is extremely compact, safe, simple to use and easy to maintain.

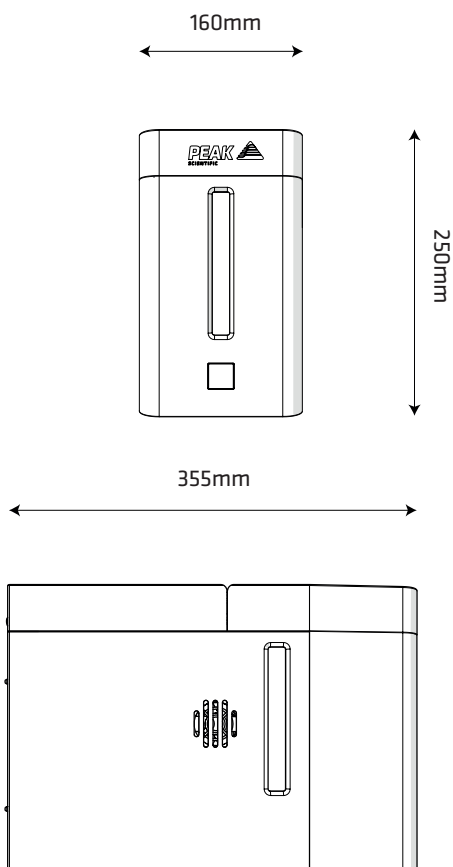
With an impressive, streamlined form factor, Precision Hydrogen SL SMZ produces hydrogen at up to 200cc/min with no compromise on safety. A range of features ensure that Precision SL SMZ will produce hydrogen safely, storing a minimal volume of gas compared to cylinders.

This generator comes with a 2-year warranty as standard.



Applications

- GC flame detectors
- GC carrier gas



Key Features

- 2 models - 100cc and 200cc
- 99.9995% purity @ 70 psi
- One-button start-up and shutdown
- Easy end-user managed servicing
- Optional auto-water fill or manual water fill
- Auto-shutdown fail-safe feature
- CE compliant
- 2 year comprehensive warranty

Technical Specifications	Precision Hydrogen SL SMZ 100	Precision Hydrogen SL SMZ 200
Max Flow Rate	100cc/min	200cc/min
Max Pressure	70psi /4.8bar	
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)	

Ordering Information		
Manual Fill Part Number	3305336	3305338
Auto-Water Fill Part Number	3305337	3305339
Annual Maintenance Kit	3303234	3303235

[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

