

UHP Hydrogen Generator Precision 500

Peak expertise defined by our Precision

Ultra high purity carrier gas
Precision and performance guaranteed

The new **Precision 500** hydrogen gas generator is uniquely designed for scientists who want to operate their Gas Chromatographs with ultra-high purity hydrogen without compromising on their safety.

Standard features, such as the automatic water loading pump, and its low maintenance requirements make this generator a much more convenient solution for your gas requirements than gas cylinders could ever be.

Our intelligent control systems allow multiple **Precision 500** generators to be coupled together in parallel for higher flow requirements to provide a cost effective supply of on-demand hydrogen to all your laboratory's applications. And, of course, our "world class" after sales service is delivered as standard.

PEAK SCIENTIFIC. GO WITH THE FLOW.



PEAK[®]
SCIENTIFIC



UHP Hydrogen Generator Precision 500

Features & Benefits:

Effortless - Minimal maintenance

High Purity - Hydrogen suitable for fuel gas and carrier gas applications

Reliable - Designed with proven technology

Compact - Flexibility to position generator where required

Simple Installation - Generator designed as plug & play system

Convenient - Automatic water loading pump

Safety - No storage of hydrogen, Automatic shut down, Gas on demand

Series Option - Can combine multiple units for higher flow requirements

The Precision 500 Hydrogen Generators are designed to offer a pure source of hydrogen for your GC Application, whether you use hydrogen as fuel or carrier gas.

Technical Specifications	Precision 500
Hydrogen	500 cc/min
Purity	99.9999%
Moisture	<1ppm
Delivery Pressure	0 - 6.9 bar / 0 - 100 psi
Gas Flow Indicator	Yes
Dual Pressure Safety	Yes
System Check	Yes
Leak Detection	Yes
Water Purity Required	< 1.0 µS-cm Conductivity / > 1.0M Ohm-cm Resistivity
Outlet Port	1/8" OD tube
Electrical Requirements	230v 50Hz / 115v 60Hz
Power Consumption	500 watts
Dimensions (cm / ins) WxDxH	38 x 55 x 48 / 15 x 22 x 19
Weight (kg / lbs)	48 / 106

Ordering Information

	Part Number
Precision 500 - 115V	10-9562
Precision 500 - 230V	10-9559

Annual Service Kit	08-8899
Standard Maintenance Plan	09-3110
Complete Maintenance Plan	09-3000

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Product Accreditations:



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