LABSTAC

HYDROGEN GENERATOR

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HYDROGEN GENERATOR

Engineered to provide a safe, ultrahigh-purity alternative to high-pressure gas cylinders in the laboratory for carrier and fuel gas applications, most often in gas chromatography. It is compact, reliable, practical and cost-effective alternative to pressurized cylinders. Due to hydrogen's flammability, the importance of safety features is paramount.
Used in Gas quality monitoring, General laboratory, Gas chromatography, TOC, Industries, Environmental, Petrochemical, Pharmaceutical, Cinical, Forensics..
Also known as Laboratory Hydrogen Generator.

GH11 SERIES AUTOMATIC HYDROGEN GENERATOR

- Automatic control, constant pressure, constant flow
- Membrane separation technique
- Compact, frees up valuable space
- Easy operation, eliminate the need for expensive gas cylinder
- Safe and reliable

FEATURES

	GH111	GH112	GH113
Deoxidation and dehydration device, high purity		•	•

SPECIFICATIONS

Model	GH111	GH112	GH113
Hydrogen purity	99.999%		
Flow Rate	0-200 ml / min	0-300 ml / min	0-500 ml / min
Output Pressure	0-0.3 Mpa	0-0.4 Mpa	0-0.6 Mpa
Pressure Stability	<0.001 Mpa		
Dimension	200x140x290 mm	370x330x180 mm	
Net Weight	6 kg	10 kg	
Consumption Power	100 W	150 W	250 W
Power Supply	220 V±10%, 50 Hz		

GH111

GH112, GH113

GH12 SERIES AUTOMATIC HYDROGEN GENERATOR

- SPE (Solid Polymer Electrolytes) technique, without lye
- Automatic control, pressure controller, water shortage detector
- Deoxidation and Dehydration device, high purity
- Easy operation and maintenance, long lifetime
- Compact design, Safe and reliable
- CE approved

SPECIFICATIONS

Model	GH121	GH122
Hydrogen purity	99.999%	
Flow Rate	0-300 ml / min	0-500 ml / min
Output Pressure	0-0.4 Mpa	
Pressure Stability	<0.001 Mpa	
Dimension	400x360x220 mm	
Net Weight	14 kg	
Consumption Power	150 W	250 W
Power Supply	220 V±10%, 50 Hz	

GH13 SERIES AUTOMATIC HYDROGEN GENERATOR

- Automatic control, constant pressure, constant flow
- Membrane separation technique, deoxidation and dehydration device, high purity
- Easy operation, eliminate the need for expensive gas cylinder
- Safe and reliable

FEATURES

	GH131
Automatic control, constant pressure, constant flow	●
Membrane separation technique, deoxidation and dehydration device, high purity	●
Easy operation, eliminate the need for expensive gas cylinder	●
Safe and reliable	●

SPECIFICATIONS

Model	GH131
Hydrogen purity	99.999%
Flow Rate	0-1000 ml / min
Output Pressure	0-0.4 Mpa
Pressure Stability	<0.001 Mpa
Dimension	460x370x360 mm
Net Weight	20 kg
Consumption Power	400 W
Power Supply	220 V±10%, 50 Hz

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