



HYDROGEN GENERATOR

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.

BGEN-301 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

SPECIFICATIONS

Model	BGEN-301
Environmental Temperature	0-45°C
Flow Rate	0-1000 ml / min
Output Pressure	0-0.4 Mpa
Pressure Stability	<0.001 Mpa
Dimension	460x370x360mm
Net Weight	20 kg
Consumption Power	400 W
Power Supply	220 V±10%, 50V

BGEN-302 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

SPECIFICATIONS

Model	BGEN-302
Hydrogen purity	100.00%
Output Pressure	0-0.3 MPa
Pressure Stability	< 0.001MPa
Dimension	200x140x290 mm
Net Weight	6 kg
Consumption Power	100 W
Power Supply	220V±10%, 50Hz

300 AUTOMATIC HYDROGEN GENERATOR



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

SPECIFICATIONS

Model	BGEN-303	BGEN-304
Hydrogen purity	100.00%	
Flow Rate	0-300 ml / min	0-500 ml / min
Output Pressure	0-0.4 Mpa	0-0.6 Mpa
Pressure Stability	<0.001 Mpa	
Dimension	370x330x180 mm	
Net Weight	10 kg	
Consumption Power	150 W	250 W
Power Supply	220 V±10%, 50 Hz	



BGEN-303



BGEN-304

300 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	BGEN-305	BGEN-306
Hydrogen purity	100.00%	
Flow Rate	0-300 ml / min	-
Output Pressure	0-0.4 Mpa	
Pressure Stability	<0.001 Mpa	<0.003 Mpa
Dimension	400x360x220 mm	460x360x350 mm
Net Weight	14 kg	20 kg
Consumption Power	150 W	
Power Supply	220 V±10%, 50 Hz	



BGEN-305



BGEN-306



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