G-AB Nitrogen Generators

Adopting ultrafine hollow fiber membrane separation technology, G-AB series nitrogen generators are designed for the gas demands of AB SCIEX LC/MS, can supply three-way gas including nitrogen, zero air and clean air, are respectively applicable to Curtain Gas, Source Gas, Exhaust Gas, and can fully meet the special requirements of AB SCIEX LC/MS upon gas flow rate, purity and pressure.



Technical specifications:

Model	G-AB-1	G-AB-2
N2	12L/min@60psi	24L/min@60psi
Zero air	35L/min@110psi	70L/min@110psi
Clean air	8L/min@60psi	20L/min@60psi
Air compressor	External type	External type
Particles	<0.01 μm	
Nitrogen pressure dew point	-40℃	
Nitrogen production principle	Hollow fiber membrane separation technology	
Power source	None	
Noise	None	
Dimension W*D*H	45*50*75	
Weight	35kg	

Characteristics of Greenville G-AB series Nitrogen Generators :

1. Unique ultrafine hollow fiber membrane separation technology under normal temperature and pressure is adopted and the service lifetime of membrane module can last for more than 10 years;
2. Output pressure:100-145psi;
3. The nitrogen produced contains no phthalates;
4. Highly automated, they can operate continuously and safely for 24 hours a day;
5. Non-rotating components are energy-efficient and maintenance costs are low;
6. Basic configuration of complete air supply system: oil-free vortex air compressor(internally installed with air dryer) →air storage tank→gas generator→（AB SCIEX）LC-MS
7. Applicable to single or more AB SCIEX mass spectrometers at the same time to supply gas, and liquids with special requirements can be customized.