

ALPHAGAZ™ ICP Solution

Exceeds gas purity requirements while minimizing product loss



Benefits and Features

- Back-up product eliminates downtime with hassle-free change-out of product by Air Liquide personnel.
- Air Liquide delivers and manages supply of gas that is tailored to your specific purity and volume requirements.
- The average ICP uses 40 SCFH of argon. Regular assessment of usage and storage capacity by our representatives assures the proper volume of products are in use at any given time.

Applications

- Oil analysis
- Pharmaceutical and food
- Water analysis
- Research



Our ICP solution focuses on exceeding ICP for gas purity while minimizing expensive gas loss. In addition, as your company grows and your needs increase, we can scale your supply package to contain increasing costs. Depend on Air Liquide to manage your gas supply—which frees you to focus entirely on your instrument reliability.

Assuring the Right Product for Your Application

- ALPHAGAZ 1 and ALPHAGAZ 1000 products exceed ICP gas purity requirements.
- For cylinder packs, Residual Pressure Valves (RPVs) offer added protection against atmospheric contaminants. Each batch is analyzed to meet ALPHAGAZ 1 purity specifications.
- Liquid cylinders are subjected to stringent, individual analysis prior to shipment to your facility.
- Choose high-purity nitrogen for optical purge gas applications.
- Our exclusive DATAL™ wireless gas monitoring system is available for automatic reorder and supply of gas for all packaging options shown at right.



Packaging Options

- 6-packs
- 16-packs
- XPR MICRO PACK™
- Liquid cylinders
- Bulk vessels

Specification	ICP Requirements*		Air Liquide Solution
	Argon	Nitrogen	ALPHAGAZ 1 & 1000
Purity	≥ 99.996%	≥ 99.996%	99.999%
Oxygen	≤ 5 ppm	≤ 5 ppm	< 2 ppm
Water	≤ 4 ppm	≤ 4 ppm	< 3 ppm
Nitrogen	≤ 20 ppm		**
THC		≤ 1 ppm	< 0.5 ppm

* Typical specification

** Contact your Air Liquide representative for typical specification



Founded in 1902, Air Liquide is a world leader in industrial and medical specialty gases and related services, providing innovative solutions for the manufacture of everyday products and for the protection of life.

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