

Our product line

Choose a reliable, simple solution from Air Liquide, world leader in gases for industry, health and the environment.



Laboratory Gas Generators

NITROGEN GENERATORS

Model	Nitrogen flow (NI/min.)				Integrated air compressor**
	Purity O ₂				
	<10 ppm 99.999 %*	<100 ppm 99.99 %	<1000 ppm 99.9 %	<0.5 % 99.5 %	
N2 FLO HP 750	0.75	1.25			optional
N2 FLO HP 1500	1.5	2.5			optional
N2 FLO HP 3000	3	5			optional
N2 FLO HP 6000	6.6	11			optional
N2 FLO HP 9000	10.8	18			optional
N2 FLO HP 15000	14.4	27			
N2 FLO HP 18000	18.6	40			
N2 FLO HP 24000	24.8	53			
N2 FLO 14000			8.5	14	optional
N2 FLO 20000			16	20	optional
N2 FLO 28000			17.5	28	
N2 FLO 35000			24	35	optional
N2 FLO 45000			27	44	optional
N2 FLO 56000			33	56	
N2 FLO NCP048R			50	80	
N2 FLO NCP064R			66	107	
N2 FLO NCP096R			93	150	
N2 FLO NCP128R			125	200	
TERA Line			up to 200 Nm³/h		

* Nitrogen and Argon
** External feed: ISO 8573-1 compressed air quality 1.4.1
Contact us about flows with purity > 0.5% oxygen

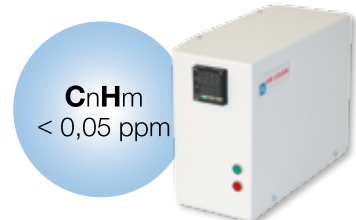
DELIVERED WITH
CERTIFICATE OF
ANALYSIS



AIR ZERO GENERATORS

Model	Flow NI/min.	Integrated air compressor
Air FLO 1500	1.5	optional
Air FLO 3500	3.5	optional
Air FLO 5000	5	
Air FLO 10000	10	optional
Air FLO 20000	20	
Air FLO 40000	40	

DELIVERED WITH
CERTIFICATE OF
ANALYSIS



HYDROGEN GENERATORS - SAFETY PRIORITY

For FID detectors, we offer a line of three hydrogen generators matching safety requirements for this type of equipment (pressure drop/ leak detection, water quality, etc.) and purity > 99.999%.

Model	Flow ml/min.
H2FLO160	160
H2FLO250	250
H2FLO500	500



Average flow required for an FID detector: 30 ml/min.



BQWDFWV
 6543 616 174/...
 : DOORQLDEL...
 XH EXU 2r Dlu ltxlg x erx u vd,
 WH HW HU D G 2r Dlu ltxlg e ,

ALPHAGAZ FLO



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Your requirements

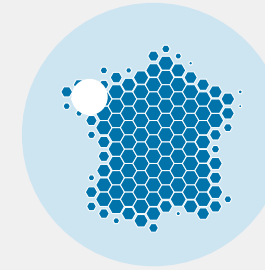
ICP/OES
LC/MS TOC
FTIR FID

Do you need an autonomous Air or Nitrogen production solution?
The gas quality until the point of use

Performance and quality

The reliability of high-quality equipment:

- Air and Nitrogen generators designed and manufactured in France
- From components selected for their durability



Our Offer

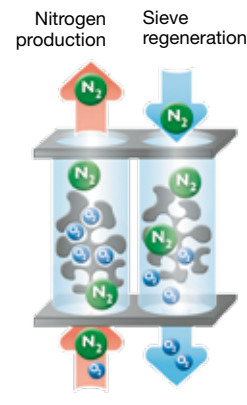
Ready to use solution with a guaranteed and flexible approach



Air Liquide, the laboratory gas expert, has developed a range of reliable, high-performance generators. The reliability of the best technologies to provide you with high-performance solutions covering all your analytical techniques.

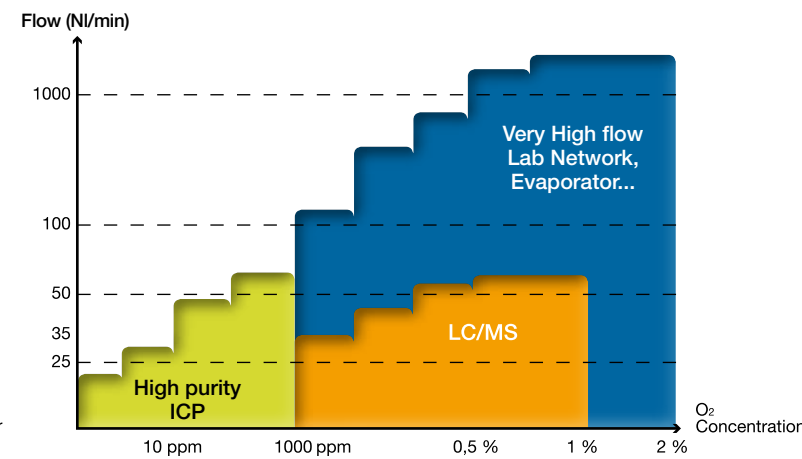
NITROGEN GENERATORS

Nitrogen is produced by adsorption of O₂ molecules from the air over a carbon molecular sieve using the PSA process.



Note: these separation techniques do not process the argon and CO₂ present in the air

Choice (flow/purity) adapted to your analytical needs



AIR ZERO GENERATORS

Air is generated in process of removing hydrocarbons by catalytic combustion.

Using for FID detectors fed with air containing less than 0.05 ppm CnHm ensures good resolution and reproducibility for your analyses.

CO/CO₂ cartridges are available for TOC meter applications.

CnHm < 0,05 ppm



OUR COMMITMENT

Our commitment: guarantees beyond specifications; the issue of an O₂ or CnHm certificate of analysis.

EASY TO INSTALL, EASY TO USE

CONSTANT PRESSURE AND FLOW

Integrated settling tank

COMPRESSOR LONGEVITY

Optimum capacity to reduce the compressor operating rate

QUIET

Insulated compressor case

INTEGRATED COMPRESSOR

The best performance on the market for Oxygen purity < 0.5% with a Nitrogen flow of 44NI/min

PROCESS CONTROL

Displayed panel for operating parameters

DURABILITY

Metal frame and sides



TEMPERATURE MAINTENANCE

Fan

EASY TO MOVE

Wheels

Fresh air suction with filter layer

FOR YOUR PEACE OF MIND OVER THE LONG TERM:

Our regional, specialized technicians will carry out your preventive and corrective maintenance. 24/7 technical assistance.

ALPHAGAZ FLO: a single representative for all your gas requirements

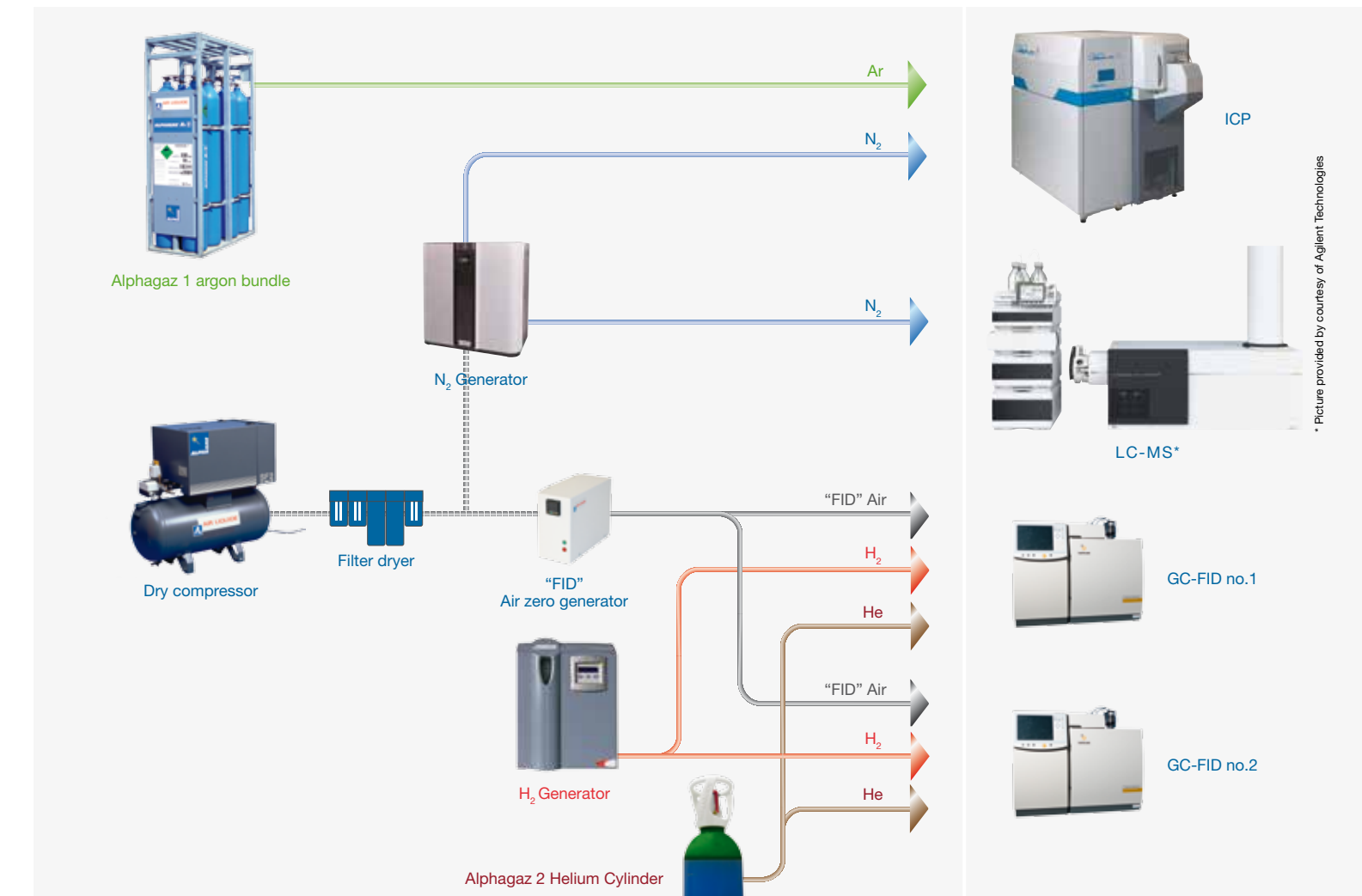
A complete equipment provision solution: You do not have to manage the investment or the maintenance.

Together, we can design a station adapted to your laboratory and we carry out:

- a customized study based on your application
- installation including safety criteria
- preventive and corrective maintenance

COMPLETE INSTALLATION MANAGEMENT

LABORATORY WITH GAS SUPPLY



HAS YOUR FACILITY CHANGED?

Our solutions are modular and Air Liquide can adapt the offer.