

PLUG & USE GENERATORS FOR LC-MS APPLICATIONS

AviFluxx nitrogen generators

With the AviFluxx series, Avilo offers a proven solution for making your own nitrogen within the laboratory environment. With the built-in compressed air supply you can make unlimited nitrogen gas for LC-MS applications.



AviFluxx 2-50

The Avilo AviFluxx 2-50 is a plug & use nitrogen generator that produces 46 litres/min of high-quality LC-MS quality nitrogen at a pressure of 7 bar. This makes the unit suitable for supplying 2 LC-MS instruments with nitrogen gas.

Nitrogen for LC-MS, APCI, ELSD, and other analysis

This unit is widely used as a nitrogen source for LC-MS instruments, but is also well suited for other laboratory applications such as APCI, ESI, ELSD, Turbo Vaps, chemical solvent evaporation and others.

AviFluxx 25-25

The Avilo AviFluxx 25-25 is a plug & use nitrogen generator that produces 25 litres/min of high-quality LC-MS grade nitrogen and 25 litres/min of clean, dry air [dew point -20°C] at a pressure of 7 bar. This makes the unit extremely suitable for supplying gas to LC-MS instruments that use both nitrogen and clean air.

Nitrogen for Shimadzu LCMS8060 and 8050

This unit is widely used as nitrogen source for Shimadzu 8000 series instruments such as; Shimadzu LCMS-8040, Shimadzu LCMS-8050, Shimadzu LCMS-8060. Naturally, the AviFluxx 25-25 can also be used as a gas supply for LC-MS instruments from other manufacturers that require both air and nitrogen.



Promise a lot. Deliver more.



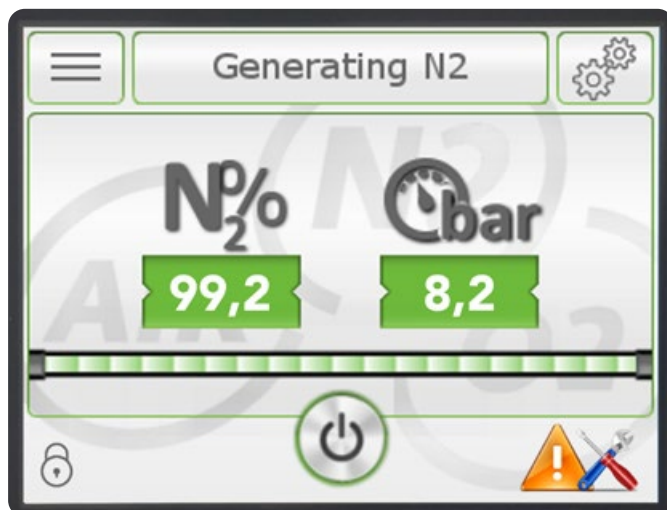
AVIFLUXX NITROGEN GENERATORS

Independent Nitrogen production

The AviFluxx models are equipped with integrated compressed air supply and oversized compressed air pre-treatment. This allows continuous nitrogen production without the need for an external compressed air supply. The unit is also mobile, which allows flexible placement. In addition to filters up to 0.01 micron, the integrated filtration unit also contains a membrane dryer. This dries the compressed air to a low pressure dew point. As a result, the produced nitrogen and compressed air are of a very high quality.

Intuitive Controller

The touchscreen display provides a clear representation of the measured production values and the generators settings in various languages. In addition, the intuitive AVILO OS5 software offers numerous possibilities. It informs the user about maintenance needs and allows to set numerous alarm values and set-points, making sure the application and the generator itself are protected in the event of an upstream complication.



Specifications

Model	AviFluxx 2-50	AviFluxx 25-25
Capacity N ² at 98% (7 bar)	46 l/min	25 l/min
Capacity Dry Air* (7 bar)	-	25 l/min
Max. N ² / Air Pressure	7.3 bar	7.3 bar
N ² Purity Range	97%-99,5%	98%
Connection N ²	3/8" G	3/8" G
Connection Air	-	3/8" G
Connection Condensate	6 mm (push-up)	
Ambient Temperature	10 - 35 °C	
Electrical requirement	230 VAC - 50 Hz	
Power	3.2 kW	
Noise level	< 58 dB (A)	
Dimensions (H x W x D)	915 x 560 x 890	
Weight	160 kg	

* Dew Point -20°C - ISO8573-1 Class 1.3.1

Display Values / Functions

- Nitrogen Pressure
- Nitrogen Purity / Oxygen content
- Pressure dew point of the compressed air (optional)
- (service) Hour counters incl. maintenance reminder
- Purity & Pressure alarm
- Service history
- Data log of production values (1 year)
- Export Data log via USB
- Measuring cell calibration
- Auto-restart function

Call us on +31 (0)187 - 481366 or go to avilo.nl

