

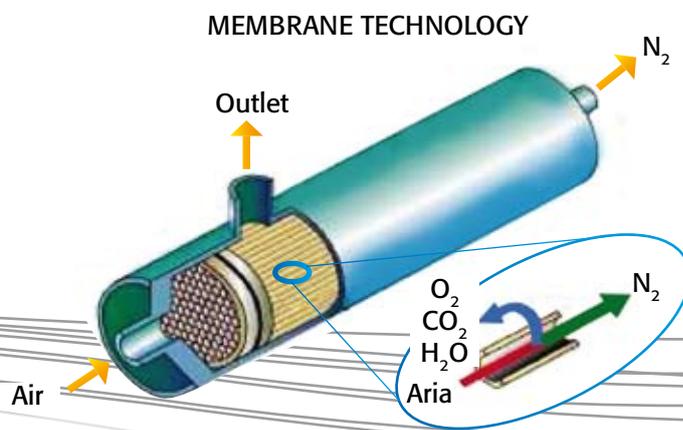
Nitrogen/Air generator N₂-Whisper Hybrid



The Whisper Hybrid nitrogen/air generator has been developed to meet specific requirements in terms of flow, purity and pressure on ABI LC-MS applications.

It can also be used for the evaporation of solvents in samples being analysed.

The simple high efficiency membrane technology allows the separation of nitrogen from the other components of the compressed air inlet.



Benefits

Better results from analytical instruments

The constant purity of the nitrogen and air improves system stability and ensures reproducible results.

Better lab efficiency

The large nitrogen/air volumes used in analytical labs for LC-MS techniques mean gas bottles are insufficient to ensure good lab productivity.

Cost savings

The investment can normally be paid back in less than a year. No pipeline is required to carry the gas from the storeroom to the lab, no cost inflation.

Improved safety

Nitrogen/air produced at low pressure and at room temperature eliminates the risks relating to high pressure gas bottle use and the handling of liquid nitrogen.

... and simple installation

The Whisper Hybrid nitrogen/air generator is very easy to install in the lab.

Simply plug the unit into a 200V 50 Hz mains outlet.

The exclusive "Split System" design allows the section containing the compressor separately from the nitrogen production assembly, which can be wall-mounted to save precious space!

Specifications

The Whisper 1 and Whisper 2 nitrogen/air generators are available in 2 models:

- WHISPER Hybrid 1-50: with single compressor
- WHISPER Hybrid 2-50: with double compressor

Dew point of nitrogen produced: < 40°C

Outlet nitrogen purity: > 99%

Power: 220V 50Hz

Noise: < 60 dB or absent when using the "split system"

Routine maintenance: simple filter replacement once a year

Fitted with external accumulation vessels, automatic stop when nitrogen or air are not required

Whisper Hybrid has a clean compressed air outlets:

- Source air gas: 20-26 lit/min @ 100psi
- Exhaust air gas: 6-10 lit/min @ 60psi

CE certification

N₂-Whisper Hybrid nitrogen/air generators

New Split System design

The exclusive DBS Whisper Hybrid design allows the installation of the air compressor in different room from where the nitrogen is used. No noise at all, and very fast and easy maintenance.



Models and characteristics

Specifications	WHISPER HYBRID 2-50	WHISPER HYBRID 1-50
Max N₂ flow	5 lit/min @ 80psi	
Sorce air gas	20-26 lit/min @ 100psi	
Exhaust air gas	6-10 lit/min @ 60psi	
Purity	> 99%	
Residual particulate	< 0.01 microns	
Dewpoint at operating pressure	- 40°C	
Maximum operating temperature	10°C - 35°C	
Air compressor supplied	270 litres/min	135 litres/min
Background noise	< 60°db or Split system	
Electrical specifications	220V - 50Hz	
Connections	¼ G	
Weight (kg)	150	120
Dimensions (H x W x D) cm	130 x 48 x 98	