

Nitrogen Generator

It meets the requirement of both purity and flow rate.

Whisper N₂ Series

The Whisper nitrogen generator has been developed to meet specific requirements in terms of flow, purity and pressure in LCMS applications. It can also be used for the evaporation of solvents in samples being analyzed. The simple high efficiency membrane technology allows the separation of nitrogen from the other components of the compressed air inlet. The low pressure drop, just one bar, allows the unit to be connected to an existing dry and oil-free compressed air source in the lab.



Whisper N₂ series

Mini Whisper N₂

Mistral Evolution N₂ Series

The Mistral-Evolution nitrogen generator including a built-in oil-free air compressor is optimized to generate nitrogen of constant purity and hence improve the performance of the analytical instrument - which will result in an overall productivity improvement of the laboratory.

Using the PSA (Pressure Swing Adsorption) technology that removes oxygen, carbon dioxide and water from compressed air, the resulting stream pure nitrogen is ideal for laboratory applications like LCMS techniques and other inert gas applications.

There will be no extra cost anymore for gas supply, transportation, storage and handling. The pure nitrogen is produced locally at low pressure and at ambient temperature which is a very much appreciated advantage over high pressure gas cylinders or liquid nitrogen.

The low noise of the instrument allows the installation near the LCMS or next door up to 30m apart.



Mistral Evo N₂ Series

● N₂ Generator Specifications

Brand	Mistral Evolution N ₂		Whisper N ₂					
Compressor	Built-in Compressor		External Compressor					
Production Technology	PSA (Pressure Swing Adsorption)		Membrane					
Produced Gas	N ₂		Hybrid (N ₂ + Dry Air)			N ₂		
N ₂ Flow Rate (l/min)	10 or 25	35 or 40	10 (Mini)	10 or 120	40 or 80	10 (Mini)	40 or 80	120
Dry Air Flow Rate (l/min)	-		35			-		
N ₂ Purity	99.5 %	99 %	98 %		99.5 %	98 %	99.5 %	98 %
Application	ELSD LC/MS	LC/MS	LC/MS with the requirement of dry air			ELSD LC/MS	LC/MS	