



# Nitrogen

Space and noise are more and more an issue in the laboratories. The HP-N2 generator is small in size and includes - as an option - an internal oil-free air compressor (HP-N2-C). It works on the PSA (Pressure Swing Absorption) principle and delivers a continuous stream of N<sub>2</sub> with a purity of up to 99.999% without the need of additional purification. The HP-N2 serie is ideal for all kind of laboratory and chromatography applications where nitrogen is required. Other typical applications are ICP, ELSD, PID or incubators.

## High Purity Nitrogen Generator

Models		Models	Flow rate @ 5 bar	
HP-N2-C 500		HP-N2-NC 500	500 Nml/min / 99.999%	<i>HC &lt; 0.1 ppm with scrubber option for zero nitrogen</i>
HP-N2-C 750		HP-N2-NC 750	750 Nml/min / 99.999%	
HP-N2-C 1300		HP-N2-NC 1300	1300 Nml/min / 99.99%	
HP-N2-C 4000		HP-N2-NC 4000	4000 Nml/min / 98%	

The Mistral LCMS and the Whisper have been specially designed to aliment LCMS systems. The Mistral LCMS is working with the PSA technology and the Whisper is using the membrane technology. The Mistral-LCMS include an internal compressor and deliver up to 35 NI/min nitrogen with a quality of 98.5%.

## Mistral Evolution LCMS Nitrogen Generator PSA

	Models	Purity 98.5% / up to 8 bar	<b>New filtration concept</b> <b>Easy maintenance</b> <b>Low noise</b>
	Mistral LCMS Evolution	35 NI/min including internal compressor	



The compressed air can be sourced either from a centralized compressed air source or a dedicated air compressor. The installation has no moving parts, resulting in reliable and trouble free operation with virtually no maintenance.

## Whisper LCMS Nitrogen Generator Membrane

	Models	Purity 98.5% / up to 8 bar	
	Mini Whisper Whisper 0-40 L Whisper 0-80 L Whisper 0-120 L	8 NI/min 40 NI/min 80 NI/min 120 NI/min	external compressed air requested