

PSA nitrogen generators for LC-MS – NG- LCMS series



LC-MS analyzers do not all share the same requirements in terms of type, flow rate, pressure and purity of the gases needed for their operation. That's why the NG LCMS series was created to meet the needs of all LC/MS analyses on the market.

Available in 5 models with the option with/ or without / built in air compressor:

- NG6 series : max. output of 35 L/min of N2 gas
- NG6 HF series : max. output of 64 L/min of N2 gas
- NG6/1 DF series : The dual flow, specifically designed for the Agilent 6400 & 6500: to meet the drying, sheath, nebulisation and collision gas requirements. The generator provides two continuous streams of nitrogen from a single 'plug & play' unit.
- NG7 series : max. output of 15 or 25 L/min of N2 gas
- NG6 TF : the triple flow, for ABI SCIEX LCMS specifically designed to supply Curtain, Source & Exhaust gases with dry air and nitrogen for ABI SCIEX LCMS instruments.

Specyfikacja

RANGE	REFERENCE	OUTLET FLOW RATE	PURITY	OUTLET PRESSURE
NG- LCMS SERIES: Fully regenerative PSA technology; reduced risk of gas contamination and phthalate free	NG6-35- LCMS	35 l/min	> 99%	7bar
	NG6-HF- LCMS	64 l/min	> 98%	7bar
	NG6-DF-LCMS	2x outlets N2:		
		35 l/min	> 99%	7bar
		200 ml/min	>99.999%	3bar
	NG6-TF- LCMS	3x outlets:		
		12 l/min N2	> 99.99%	5.5bar
		24 l/min Dry Air	HCS < 0.1 ppm	7.6bar
		8 l/min Dry Air	HCS < 0.1 ppm	4.2bar
	NG7-15- LCMS	15 l/min	>99.5%	7bar
NG-MP/AES PSA technology *DF - Dual Flow	NG7-25- LCMS	25 l/min	> 98%	7bar
	NG8/1 MP/AES	10 L/min	>99.95%	65 psi
	NG8/1-DF*- MP/AES	N2 - 25 L/min	N2 >99.5%	N2 65 psi
		Dry air – 36L/min	Dry Air: HCS < 0,01 ppm, H2O dp < -50°C	Air 87 psi