

NG POLLUCE 100

PSA Nitrogen generator
for LC-MS

POLLUCE is designed to satisfy the needs of all LCMS brand on the market. It makes use of Pressure Swing Adsorption technology (PSA), through the use of specific selected molecular sieves (CMS), enable to obtain extremely pure nitrogen, this technologies reduced risk of gas contamination and phthalates-free.

Thanks to the CPU with touch screen display, the continuous monitoring of operational status is guaranteed.

Main applications

- LCMS
- Solvent evaporation

Main advantages

- ✓ PSA Technology
- ✓ Easy use and installation (plug and play)
- ✓ Generates nitrogen on demand with exclusive electronic flow control
- ✓ Designed to run 24 hours a day
- ✓ Pressure up to 8 bar



Specifications



Models: NG POLLUCE		100
N2 outlet		
Flow rate (Max)		100 L/min
Outlet pressure (Max)		Air Inlet pressure – 2 bar
Nitrogen purity		Up to 99%
Outlet Dew-point		<-50°C
Outlet particulate		0.01 micron
Air inlet		
Air inlet requirement		Particulate: < 1 micron
		Dewpoint: < -20°C (-4°F)
		Oil: <0.01 mg/m ³
Flow rate (max)		250L/min
Supply pressure (min - max)		7 bars (95 psi) - 10 bars (145 psi)
Recommended temperature		< 30°C (86°F)
Communication		
LCD with touch-screen		Standard
RS485		Standard
RS232		Standard
USB		Standard
Digital I/O		Standard
General data		
Supply rating		100-240Vac 50/60Hz
Connection type		IEC320-C13
Installation power (max)		280W
Fuse rating (5x20mm)		4A - 250VAC
Net weight		<220 kg
Dimensions (W x D x H)		42 x 80 x 140 cm
Connections		
Outlet port		1/4" female BSPP
Inlet port		1/4" female BSPP
Drain port		Quick fitting for tube 8mm
Operating/storage conditions		
Working Temperature		5-40°C (41-104°F)
Storage Temperature		1-50°C (34-122°F)
Humidity (max, non condensing)		70%
Noise		< 25dB(A)
IP rating		IP20
Pollution degree rating		2 (with no aromatic compounds)
Altitude		< 2000m

Ordering codes

Gas Generators

6920.60.100

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Consumable

6920.61.002

Kit service 8000 hours for NG POLLUCE



LNI GGI srl

www.lni-swissgas.eu