

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 90 x 158 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

NG POLLUCE 100

Consumable

6920.61.002

Kit service 8000 hours for NG POLLUCE



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