

# NG POLLUCE XS 35

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 reduce risk of gas contamination and phthalates-free.

The generator is equipped with two built-in oil-free piston compressors able to supply the correct amount of air with all specifications to allow a correct operation of the unit and the maximum grade of N2 purity.

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)
- ✓ Low noise
- ✓ Generates nitrogen on demand with exclusive electronic flow control
- ✓ Two built-in oil free piston compressors
- ✓ Designed to run 24 hours a day
- ✓ Pressure up to 8 bar



## Specifications



<b>Model:</b>	<b>NG POLLUCE XS</b>
<b>N2 outlet</b>	
Flow rate (Max)	35 l/min
Outlet pressure (Max)	Up to 8 bars
Nitrogen purity	Up to 99%
Outlet Dew-point	<-50°C
Outlet particulate	0.01 micron
<b>Communication</b>	
LCD with touch-screen	Standard
Pressure gauge	Standard
<b>General data</b>	
Power supply voltage	Single phase 220-240Vac 50/60Hz
Connection type	Cable, 3x2.5mm <sup>2</sup>
Installation power (max)	2.2KW
Net weight	<150Kg
Dimensions (W x D x H)	51 x 92 x 62 cm
<b>Connections</b>	
Outlet port	1/4" female BSPP
Drain port	1/4" female BSPP
<b>Operating/storage conditions</b>	
Working Temperature	5-40°C (41-104°F)
Storage Temperature	1-50°C (34-122°F)
Humidity (max, non condensing)	70%
Noise	<65dB(A)
IP rating	IP20
Pollution degree rating	2 (with no aromatic compounds)
Altitude	< 2000m

### Ordering codes

#### Gas Generators

6920.60.035

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#### Consumable

6930.60.000

Kit service 4000 hours for NG POLLUCE XS

6930.60.001

Kit service 16000 hours for NG POLLUCE XS



**LNI Swissgas**

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