

# NG POLLUCE

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.

The generator is equipped with a built-in oil less compressor and with two 50 L internal tanks, one for compressed air and the other for nitrogen.

Furthermore, the highly reliable air compressor requires maintenance only after **16.000 hours** of real use.

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



Smart **Gas** Generators



## Specifications

Models : NG POLLUCE	40	40 C
<b>N2 Outlet</b>		
Flow rate (Max)	40 NI/min $\pm$ 5% at 2000 m MSL	
Outlet pressure (Max)	0 - 7 bars (101 psi)	
Nitrogen purity	>98.5% @ 40 l/min	
Technologies employ	PSA (Pressure Swing Adsorption)	
<b>Air inlet</b>		
Built-in oil less compressor	-	Standard
Particulate	$\leq$ 0.01 $\mu$ m	-
Oil vapors	$\leq$ 0.01 mg/m <sup>3</sup>	-
Moisture	$\leq$ 3°C dew-point	-
Pressure (min; Max)	8.5bar (120psi); 10bar (145psi)	-
<b>General data</b>		
Dimensions (H x W x D) cm	132 x 440 x 110	
Net weight	220 kg	
<b>Communication</b>		
RS232	Standard for service	
I/O board with RS485	Optional	
<b>Electrical data</b>		
Type of connection	IEC 320-C13 (desktop adapter)	
Power supply voltage	100-240 Vac 50/60 Hz	
Installed power (Max)	160W	
<b>Connections</b>		
Inlet compressed air	1/4" BSPP female	-
Nitrogen outlet	1/4" BSPP female	
<b>Operating/storage conditions</b>		
Temperature	5-25°C (41-77°F)	
Humidity (Max, non condensing)	90.00%	
Noise	<50 dbA	<60 dbA
IP rating	IP20	
Pollution degree rating	2 (with no aromatic compounds)	
Altitude (Max)	2000 m MSL	

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