

# Nitrogen N600P, N600P-HC

## Laboratory Nitrogen Gas Generator



MODEL	N600P	N600P-HC
Technologies Employed	PSA	PSA, catalyzer
Flow Rate <sup>1</sup>	600 cc/min	
Output Pressure	0 to 7 barg / 0 to 100 psig	
Purity	99.999%	
Oxygen at Max Flow	< 10 ppm	
Total Hydrocarbon Residual	-	< 0.1 ppm
Moisture at Max Flow	- 44°C dew-point STP <sup>1</sup>	
Input Air Requirements	Particulate $\leq 0.1 \text{ mg/m}^3$ ( $\leq 0.01 \text{ }\mu\text{m}$ ) Oil vapors $\leq 0.01 \text{ mg/m}^3$ Moisture $\leq 3^\circ\text{C}$ dew point at line pressure ( $\leq 0.1\%$ ) Min pressure 8.3 barg / 120 psig Max pressure 10 barg / 145 psig Max flow rate 3.6 SLPM	
Air Compressor	No	
Electrical Supply <sup>2</sup>	230 VAC $\pm 10\%$ , 50/60 Hz	
Ambient Operating Temperature	40°F to 104°F / 5°C to 40°C	
Ambient Humidity	$\leq 80\%$ RH, non-condensing	
Max Altitude	2000 m / 6560 ft above sea level	
Unit Dimensions (H x D x W)	16.3" x 16.3" x 21.3" 41.5cm x 41.5 cm x 54.1 cm	
Unit Weight	110 lbs / 50 kg	
<b>ADDITIONAL FEATURES</b>		
	Maintenance Reminder	
	Report Alarms	
	Touch Screen Display	
	Stackable	
<b>COMPLIANCE</b>		
	CE, cTUVus (IEC/UL/CSA 61010-1)	

Specifications are subject to change.

<sup>1</sup> Measured at standard conditions: 21°C, 1 Atmosphere

<sup>2</sup> Voltage Step Up Transformer available upon request

\* High concentrations of organic compounds in the ambient or input air may affect performance.



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