

Nitrogen N250M, N400M

Laboratory Nitrogen Gas Generator



MODEL	N250M	N400M
Technologies Employed	Membrane	
Flow Rate ¹	250 SLPM	400 SLPM
Output Pressure	0 to 7 barg / 0 to 100 psig	
Suspended Liquids	None	
Phthalates	Constructed with phthalate free materials	
Input Air Requirements	Particulate < 0.1 mg/m ³ (≤ 0.01 μm) Oil vapors ≤ 0.01 mg/m ³ Moisture ≤ 3°C dew point at line pressure (≤ 0.1%) Min pressure 7.5 barg / 110 psig Max pressure 10 barg / 145 psig	
Max Input Air Flow Rate	600 SLPM	1200 SLPM
Air Compressor	No	
Ambient Operating Temperature	40°F to 100°F / 5°C to 38°C	
Ambient Humidity	≤ 70% RH, non-condensing	
Max Altitude	2000 m / 6560 ft above sea level	
Unit Dimensions (H x D x W)	44" x 7.6" x 34" 111.8 cm x 19.3 cm x 86.4 cm	
Unit Weight	126 lbs 57.1 kg	133 lbs 60.3 kg
ADDITIONAL FEATURES		
	Wall-mountable and floor stand options available	
COMPLIANCE		
	CE	

Specifications are subject to change. Purity meets LCMS grade, please consult Proton OnSite for details.



¹ Measured at standard conditions: 21°C, 1 Atmosphere

* Organic compounds in the ambient or input air will negatively affect performance.



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