

NMG Nitrogen Generators

95% to 99.7% purity

The new NMG nitrogen generator uses the latest in membrane separation technology to provide an efficient and consistent supply of nitrogen gas. It's low energy consumption and small footprint design make it very versatile and suitable for most membrane applications. Standard features include:

- O₂ purity
- Soft start valve
- Purity and flow adjustment



Design Quality

- Integral oxygen analyser to continuously monitor the supplied gas purity
- Soft start valve to protect the membranes and extend life
- Inlet filtration to ensure protection of the membranes against contamination
- Stainless steel construction

Guaranteed Performance

- 100% performance and function tested
- 2 year warranty

Rapid return on Investment

- Typical return on investment in less than 24 months
- Significant savings over high pressure cylinder or liquid gas supplies
- Low energy consumption

Easy to Maintain

- Very low cost of ownership
- Minimal maintenance required

Environmentally Friendly

- Reduces carbon footprint by eliminating gas delivery
- Positive impact on sustainability targets
- Quiet operation

Fits any Application

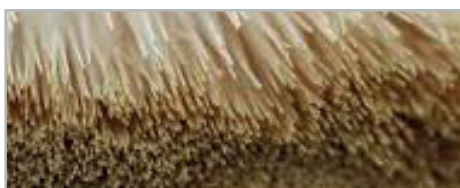
- Up to 16 barg pressure capability
- Wide flow range
- 95% - 99.7% purity range

Safe & Reliable

- Eliminates high pressure storage and handling hazards
- Removes transportation of liquid hazards

Easy to Install

- Compact design
- Cabinet design with casters
- Ready to use, no start up time
- No buffer vessels



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Experience.
Customer.
Service.

nano NMG Nitrogen Generators

model	rated outlet flow	nitrogen purity at the outlet (max. oxygen content)							dimensions			approx weight
		99.3% (30%)	99.5% (50%)	99% (1%)	98% (2%)	97% (3%)	96% (4%)	95% (5%)	A mm	B mm	C mm	
NMG 2L1 ⁽¹⁾	Nm ³ /h	0.3	0.4	0.5	0.8	1	1.2	1.5	600	800	400	44
NMG 2L2 ⁽¹⁾	Nm ³ /h	0.6	0.8	1	1.6	2	2.4	3	600	800	400	46
NMG 2L3 ⁽¹⁾	Nm ³ /h	0.9	1.2	1.5	2.4	3	3.6	4.5	600	800	400	48
NMG 2L4 ⁽¹⁾	Nm ³ /h	1.2	1.6	2	3.2	4	4.8	6	600	800	400	50
NMG 4S1	Nm ³ /h	2.5	2.9	4.4	6.4	8.2	10	12	600	1690	500	134
NMG 4L1	Nm ³ /h	5.2	5.9	8.9	12.8	16.4	20.1	24	600	1690	500	145
NMG 4L2	Nm ³ /h	10.4	11.8	17.8	25.6	32.8	40.2	48	600	1690	500	167
NMG 6S1	Nm ³ /h	11	12.5	19.5	27.9	36.1	44.1	52.8	600	1790	500	168
NMG 6L1	Nm ³ /h	15.9	18.1	28.1	40.4	52.2	63.8	76.3	800	2300	600	294
NMG 6S2	Nm ³ /h	22	25	39	55.8	72.2	88.2	105.6	600	1790	500	206
NMG 6L2	Nm ³ /h	31.8	36.2	56.2	80.8	104.4	127.6	152.6	800	2200	600	391
NMG 6L3	Nm ³ /h	47.7	54.3	84.3	121.2	156.6	191.4	228.9	1000	2200	600	523
Air Factor		6.2	5.0	4.0	3.2	2.7	2.4	2.2				

specifications

Design operating pressure range	6 – 16 barg
	6 – 10 barg ⁽¹⁾
Design operating temperature range	5 – 50°C
Recommended inlet air temperature	10 – 45°C
Inlet air quality	ISO 8573.1 class 1,4,1
Supply voltage	110 – 240 VAC, 50/60 Hz
Power rating	4 W

- (1) At 7 barg and 35°C inlet conditions. For flow at other conditions contact nano purification solutions
- (2) To be used as a rough guide only. All applications should be confirmed by nano-purification solutions
- (3) Includes oxygen analyser as standard.

service guidelines

- Filter elements should be changed every year
- Zirconia oxygen analyser should be changed every 5 years
- Refer to user guide for full service requirements

