

DRIVEN BY AIR.



NEXUS Nitrogen Generator Range

The latest in
high performance
Nitrogen generation

PCL's brand new range of Nitrogen products branded 'NEXUS' - meaning 'the most central and most important point' combines PCL's ethos of designing and manufacturing marketing leading Nitrogen generation equipment in a modern, innovative and simple to use housing.

The PCL NEXUS series generators allow the operator to use existing equipment to deliver high purity Nitrogen to the desired application.

Key Product Benefits

- Revenue generation for Service Providers.
- Cost effective Nitrogen delivery with very low maintenance.
- Low life time costs - with high grade filtration and high performance components.
- Guaranteed tank pressure accuracy and robustness.

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Key Product Features

- Mobile to allow efficient and flexible positioning and usage.
- Nitrogen purity check point.
- Internal tanks meet EEC standards.
- Easy to operate and quick installation.
- Digital adjustable tank set pressure control.

Technical Specifications

Dimensions (cabinet only):

Height: 1364mm

Width: 600mm

Depth: 470mm

Weight:

NEX2G: 153kg

NEX6G: 246kg

NEXMG: 128kg

Temperature Range

Operating: 0°C to 40°C

Storage: -40°C to 70°C

Pressure Measurement

Accuracy: To +/- 0.5% of full scale reading
(Exceeds EC Directive 86/217)

Tank Reading Accuracy: 0.1bar/1psi/10kPa

Electrical Interface

Voltage (nominal): 230-240Vac

Current Typical (idle): 8VA

Max: 12VA

Cable length: 2.5m

Tyre Operating Performance

NEX2 Operating Performance

PSA - 2 X CMS Towers
890 x 159mm

Nitrogen Flow @ 10 bar supply 95%+ purity

NEX2 Generator

(*minimum compressor flow required)

70 l/min (2.5 cfm) (*368 l/min)

NEX6 Operating Performance

PSA - 4 X CMS Towers
890 x 159mm

Nitrogen Flow @ 12 bar supply 95%+ purity

NEX6 Generator

(*minimum compressor flow required)

200 l/min (7.0 cfm) (*538 l/min)

NEXM Operating Performance

Parker Membrane
TS OEM Kit 30

Nitrogen Flow @ 10 bar supply 95%+ purity

NEXM Generator

(*minimum compressor flow required)

484 l/min (17.1 cfm) (*1269 l/min)

Nitrogen Flow @ 12 bar supply 95%+ purity

580 l/min (20.5 cfm) (*1523 l/min)

Nitrogen Flow @ 10 bar supply 97%+ purity

309 l/min (10.9 cfm) (*1066 l/min)

Nitrogen Flow @ 12 bar supply 97%+ purity

371 l/min (13.1 cfm) (*1279 l/min)

Series	Description	Application
NEX2G	NEXUS N2 Generator only	
NEX6G	NEXUS N6 Generator only	
NEXMG	NEXUS Membrane Generator only	

PCL is world leader in Design and manufacture of tyre pressure, as well as compressed air products for industry.

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