

NEXUS Nitrogen Inflator Range

Combining the latest in high performance Nitrogen generation with leading inflation technology

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

This new range of equipment is designed to cover every application of digital Nitrogen inflation from small passenger cars to large commercial vehicle tires in very demanding environments.

Key Product Benefits

- Revenue generation for Tire Service Providers.
- Both Nitrogen fill and Air to Nitrogen conversion service (purge) for up to 4 tires.
- Electronic preset tire inflation with LCD display.
- Low life time costs - with high grade filtration and high performance components.
- Guaranteed accuracy and robustness with ceramic pressure sensor.

www.pcltireinflation.com



A HORNGROUP COMPANY

Key Product Features

- Mobile to allow efficient and flexible positioning and usage.
- Nitrogen purity check point.
- Internal tanks meet ASME standards.
- Each unit is tested and certified to California CARB +/- 2psi standard.
- Easy to operate and quick installation.
- Electronic preset tire inflation with LCD display.
- Up to 4 tires at once (4 x 7.6m hoses supplied as standard).
- 1 purge inflation cycle from flat.
- 2 purge inflation cycle, as standard.

Technical Specifications

Dimensions (cabinet only):

Height: 54.7"

Width: 23.7"

Depth: 18.5"

Weight:

NEX4I: 447lb

NEX6I: 546lb

NEXMI: 286lb

Temperature Range

Operating: 32°F to 104°F

Storage: -40°F to 158°F

Pressure Measurement

Accuracy: To +/- 0.5% of full scale reading (Meets California CARB +/- 2psi standard)

Reading Accuracy: 1psi/0.1 bar

Max Inflation Set Pressure:

NEX4: 90psi/6.2bar/620kPa

NEX6: 160psi/11bar/999kPa

NEXM: 174psi/12bar/999kPa

Electrical interface

Voltage (nominal): 120Vac

Current Typical (idle): 10VA

Max: 18VA

Cable length: 2.5m

Tire Operating Performance

NEX4 Operating Performance

PSA - 2 X CMS Towers
35" x 6.2"

NEX4 Inflator

(*minimum compressor flow required)

Nitrogen Flow @ 10 bar/
145psi supply 95%+ purity

2.5 cfm (*13 cfm)

NEX6 Operating Performance

PSA - 4 X CMS Towers
35" x 6.2"

NEX6 Inflator

(*minimum compressor flow required)

Nitrogen Flow @ 12 bar/
174psi supply 95%+ purity

7.0 cfm (*19 cfm)

NEXM Operating Performance

Parker Membrane
TS OEM Kit 30

NEXM Inflator

(*minimum compressor flow required)

Nitrogen Flow @ 10 bar/
145psi supply 95%+ purity

17.1 cfm (*44 cfm)

Nitrogen Flow @ 12 bar/
174psi supply 95%+ purity




20.5 cfm (*53 cfm)

Nitrogen Flow @ 10 bar/
145psi supply 97%+ purity

10.9 cfm (*37 cfm)

Nitrogen Flow @ 12 bar/
174psi supply 97%+ purity

13.1 cfm (*45 cfm)

Series	Description	Application
NEX4I	NEXUS N4 Inflator	
NEX6I	NEXUS N6 Inflator	
NEXMI	NEXUS Membrane Inflator	

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

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