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
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

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEX4I</td>
<td>NEXUS N4 Inflator</td>
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<tr>
<td>NEX6I</td>
<td>NEXUS N6 Inflator</td>
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<tr>
<td>NEXMI</td>
<td>NEXUS Membrane Inflator</td>
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</tbody>
</table>

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