

DRIVEN BY AIR.



Mobile Nitrogen Generation and Inflation Cart



The N72 is a BRAND NEW mobile Nitrogen generation and inflation cart 100% “Made in Sheffield”, UK. This compact and innovative unit combines PCL’s world renowned digital inflation technology with modern membrane nitrogen generation technology to deliver high purity Nitrogen to the tyre quickly and quietly. The N72 supersedes the NEXUS range with modern features and real end-user benefits whilst maintaining the ability to convert up to 4 air filled tyres to 95%+ Nitrogen simultaneously from the touch of a button with PCL’s best-in-class ‘purge and fill’ software.

This new concept has complete flexibility and mobility in mind, all tyre applications are now covered and coming in at around half the size of a standard PSA Nitrogen system and around one third of the weight. Powered by a rechargeable battery, the unit can easily be moved around the workshop and in-between vehicles.

www.pclairtechnology.com



 MADE IN SHEFFIELD

A HORNGROUP BRAND

Features and Benefits

- 5-year warranty on Nitrogen generation membrane* - peace of mind for your revenue generating investment
- Modern membrane nitrogen generation technology - compact, fast and very quiet
- PCL digital inflation software built-in - world renowned "Made in Sheffield" calibrated accuracy with Nitrogen 'purge-and-fill' function
- Smaller and lighter footprint - 1/2 size and 1/3 the weight of a standard PSA system
- Re-chargeable battery powered - no trailing power cables, can be used anywhere in the workshop with an air source
- All workshop tyre applications covered - Car, Van, Truck
- Super efficient 12v 7am/h battery and charge indicator - Average 20h continuous inflation on a full battery and only 2h from flat to full on a mains charge
- Nitrogen purity test port - provable high purity Nitrogen delivery
- Simple design with no moving parts - easier to maintain/service & repair

*subject to annual air pre-filter cartridge replacement

Technical Specifications

Dimensions

Height: 1029 mm
 Width: 535 mm
 Depth: 647 mm
 Weight: 40-50 kg
 (depending on model)

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 EN12645:2014 Standard)

Max Inflation

Set Pressure: 145psi/10bar/999kPa

Electrical interface

Battery

Capacity: 7 ah

Rechargeable from mains power

No.	Max Application	Part No.
1	Car Generator Only (1 tyre output, 3m ³ /h)	N72SAGC1
2	Car & Van Generator/ Inflator (4 tyre hoses, 5m ³ /h)	N72SAIC24
3	Van Generator Only (1 tyre output, 5 m ³ /h)	N72SAGC2
4	Mid Commercial Generator/Inflator (4 tyre hoses, 10m ³ /h)	N72SAIC34
5	Heavy Commercial Generator Only (1 tyre output, 10m ³ /h)	N72SAGC3
6	Heavy Commercial Generator/Inflator (multiple tyres)	Contact PCL with requirements
7	Specialist Tyre systems	Contact PCL with requirements