



N2 Special



N2 Analyzer



N2 Standard

Nitrogen Generator cum Inflator

PCL-SUMO Nitrogen Generator cum Inflator brings the latest in **PSA (Pressure Swing Adsorption)** process for Nitrogen (N₂) Generation. The **robust, cost effective and mobile design** is capable of delivering **High levels of N₂ purity**. This leading generation technology is seen on forecourts across India and to deliver N₂ Inflation cost effectively.

This equipment incorporates the ability to preset the tyre pressure allowing the Operator to automatically inflate **FOUR tyres simultaneously** or single tyre with **Air or Nitrogen** to the required level, thus saving time and money. Using the proprietary bespoke software along with the adjustable purge cycles feature (settable from 1 to 5), specially developed for Nitrogen Inflation, **converts Air to Nitrogen**, allowing the delivery of consistent high levels of Nitrogen purity in the tyre where it is really needed. The unit incorporates an **Air and Nitrogen selector** as an option so this can act as an Air Tower where required at the flick of a lever.

N₂ due to its inherent properties compared to Air, offers extended tyre life and most importantly increased Safety, which is why it's used in Formula 1 Cars and Airplanes. At the same time through **lower fuel usage**, it helps in **reducing CO₂ emissions** thereby helping to **save the environment**.

In short, the PCL-SUMO **Nitrogen Generator Cum inflator** models provides **cost effective and flexible revenue generating** opportunities for Tyre Service providers thereby **offering high levels of N₂ performance, low running costs and long lifetime**, all for a moderate Capital Outlay.

Contact No :



Specifications:

Model	N2A - 3500/60	N2A - 4500/80
N2 Generation Capacity	3500 Litres per hour	4500 Litres per hour
N2 Tank Capacity (Litres)	60	80
Cabinet Size (mm)	500 x 350 x 1200	550 x 450 x 1220
Net weight (Kg)	110	120
N2 purity	95-99%	95-99%
Max inlet air pressure	> 150 Psi	> 150 Psi
Max outlet N2 Pressure	120 Psi	120 Psi
Pressure measurement Accuracy	+/- 0.5% FSR	+/- 0.5% FSR
Hose length	10 mtr	10 mtr
Stabilized Power supply	230V AC, 50Hz	230V AC, 50Hz
Power Consumption	Max 20VA	Max 20VA
N2 / Air Switch	Available	Available
Dual Air Filter Regulator	5 & 25 Micron	5 & 25 Micron
High quality air filtration	Activated Carbon	Activated Carbon

VARIANTS		
Features	Standard	Special
No of tyre inflation	4	1
No of Hoses supplied with Machine	1	1
Provision of additional 3 hoses in Machine	YES	NO
N2 Purging cycle	YES	YES
Auto inflation for top up	YES	YES
Digital inflator operation	Touch Screen	Touch Screen
Nitrogen Analyser	Optional	Optional



Salient Features:

- High performance imported graded CMS (Carbon Molecular Sieve) for longer life span.
- Specially designed high volume CMS tower for continuous supply of pure N2 at high speed flow rate.
- In built provision of **simultaneous four tyres inflation / deflation** (Standard Model)
- **Air / N2 selector lever** allows the unit to act as **forecourt Air tower / Nitrogen inflator** as per requirement.
- Low maintenance costs.
- **High grade double filtration (5 & 25 Micron)**
- N2 purity point provided.
- **Bespoke software** for optimal N2 inflation with purging cycle to deliver high purity N2 every time.
- **Inbuilt digital counter (Progressive type) provided in the software** for measuring no of tyres inflated.
- **High performance ceramic pressure sensor** providing accurate value.
- **Euro design clip-on connector** for **firm grip on tyre valve**.
- **Spacious powder coated cabinet** for ease of maintenance.
- **R.F remote control option** available.



60 Ltr



80 Ltr

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