



HWN80

Passenger nitrogen generator
(70L internal tank)



Model: HWN80

Product: Passenger Nitrogen Generator

Description: In principle, tyres can be inflated with both air and concentrated nitrogen. Tyres with nitrogen are said to have several advantages over simple air inflation. Last but not least, the inflation gas has a positive side effect: the tyre pressure should remain constant for a longer period of time. With the help of nitrogen generators, you can obtain an unlimited amount of N2 for the tyres of any vehicle directly on site: whether motorcycles or passenger vehicles. The HWN80 is a mobile unit, all you need is a power point to operate the machine.

Features:	Benefits:
Fully automatic	Pre-enter your values, and with a push of a button the machine will automatically inflate your tyres.
Professional energy efficiency management systems	Saves energy.
When the pipe is connected to the tyre, inflate the preset pressure automatically and precisely.	Safe, precise and convenient operation.
Automatically purge and inflate to the tyre which are to be inflated for the first time.	Thus guaranteeing the nitrogen purity inside.
Dedicated chip control.	Precise pressure sensor monitor; safe, reliable and accurate.
Inbuilt Nitrogen storage tank	Uses less floor space.
Comprehensive diagnostics and error reporting	The error code will be displayed on the screen and at the same time error light will be on with 3 continuous beeps
	Improved Tyre Pressure Stability: Nitrogen has larger molecules than oxygen, making it less prone to leakage through the tyre rubber. Using nitrogen in tyres can help maintain more stable tyre pressures over time, reducing the frequency of tyre pressure adjustments.
	Enhanced Tyre Lifespan: Proper tyre pressure is crucial for tyre longevity and performance. Nitrogen-filled tyres experience less pressure fluctuation due to temperature changes, reducing the risk of under-inflation or over-inflation, which can lead to premature tyre wear.
	Fuel Efficiency: Properly inflated tyres contribute to better fuel efficiency. Nitrogen-filled tyres can help maintain optimal tyre pressures, which, in turn, can lead to improved gas mileage and cost savings for vehicle owners.

	Safety: Maintaining consistent tyre pressure is essential for vehicle safety. Nitrogen-filled tyres are less likely to experience sudden pressure drops, reducing the risk of blowouts and accidents caused by under inflated tyres.
	Reduced Oxygen and Moisture: Nitrogen generators typically remove moisture and oxygen from the compressed air before filling the tyres. This helps prevent oxidation and corrosion of tyre components, extending tyre life.
	Cost Savings: While the initial investment in a nitrogen generator may be significant, it can lead to cost savings over time for both the fitment center and its customers. Fewer tyre replacements, improved fuel efficiency, and reduced maintenance costs contribute to cost savings.
	Customer Satisfaction: Offering nitrogen tyre filling services can enhance customer satisfaction. Vehicle owners appreciate the benefits of nitrogen-filled tyres, such as better tyre life and improved fuel economy, leading to positive feedback and customer loyalty.
	Competitive Advantage: Equipping the fitment center with a nitrogen generator sets it apart from competitors that may not offer this service. This can attract more customers seeking the advantages of nitrogen-filled tyres.
	Environmental Responsibility: Nitrogen generators typically include filtration systems that remove impurities from the compressed air, making the tyre filling process more environmentally friendly. This aligns with growing concerns about sustainability and environmental responsibility.
	Marketing Opportunities: Promoting the use of nitrogen-filled tyres can be a marketing advantage. Fitment centers can use this service as a selling point to attract customers who value the benefits of nitrogen for their tyres.
	Long-Term Investment: High-quality nitrogen generators are built for durability, providing a reliable and long-lasting solution. This long-term investment can offer a high return on investment over the equipment's lifespan.
Training available	Technicians can be professionally trained to use the machine and get the maximum benefit from it.
1 year warranty	The machine will be repaired if there are any factory faults and can be replaced if required.

Spares available

Should you have a breakdown you will not have to wait for your equipment to be repaired. If there is anything we don't have, we fly it in directly from the Suppliers.

Technical Information	
Temperature range	-20 - 70°C
Power source	AC110V/220V, 50-60Hz
Power	30W
Inlet pressure	6-10bar, 0.6 - 1 Mpa
Nitrogen outlet pressure	6-10bar, 0.6 - 0.8 Mpa
Nitrogen purity	95% - 99.5%
Internal storage tank	70L
Packaging dimensions	1460*720*510 mm
Packaging weight	75 kg



Increased
tyre life



Reduce
fuel costs



Improved
handling



Lower CO²
emissions

