

ANS America Nitrogen Systems

ANS America is a leading supplier of nitrogen inflation systems to the automotive industry. Built upon years of successful development, the Advantage Nitrogen System from ANS America has been a proven leader in the nitrogen community.

Our team of knowledgeable and helpful industry leaders strive to provide the best product and service solutions to suit every customer's individual needs. We understand that not every client is the same, therefore, we custom design specific solutions for each customer which meets their expectations.

Combined with cutting edge products and services, ANS America brings over 40 years of industry experience. Our company goal is to forge a long-term, successful relationship with our clients while supplying industry leading products.



Wall-Mount Membrane Systems

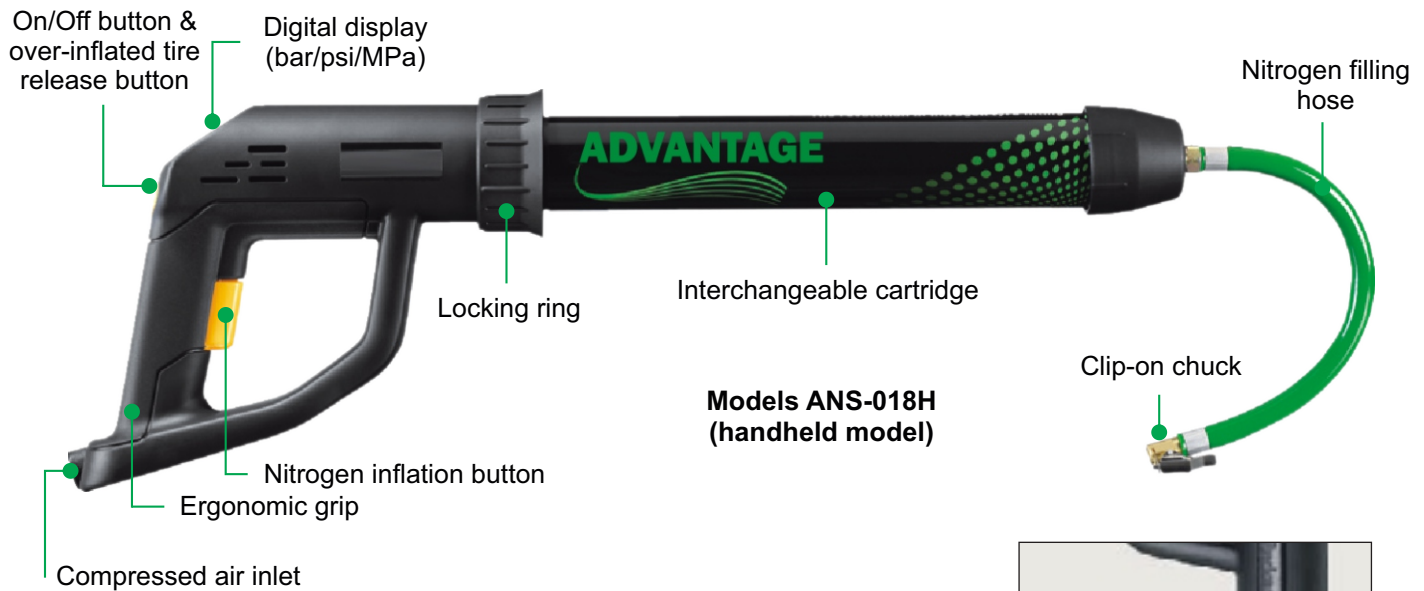


Tower-Based Membrane Systems



Portable Membrane Systems

Catalog #	Description	Design	Technology	Output	Input PSI	Storage Tank	Auto-Inflator	Hose Reel	Markets (up to)
ANS-250	Nitrogen Generator	Wall Mount	Membrane	2.00 SCFM	100-150	None	Optional	None	Passenger
ANS-450	Nitrogen Generator	Wall Mount	Membrane	4.3 SCFM	100-175	None	Optional	None	Lt. Truck
ANS-650	Nitrogen Generator	Wall Mount	Membrane	8.6 SCFM	100-175	None	Optional	None	Truck
ANS-500	Nitrogen Generator	Tower	Membrane	7.1 SCFM	100-175	None	Optional	None	Truck
ANS-1000	Nitrogen Generator	Tower	Membrane	14.2 SCFM	100-175	None	Optional	None	Volume Truck
ANS-1500	Nitrogen Generator	Tower	Membrane	21.3 SCFM	100-175	None	Optional	None	OTR
ANS-475	Nitrogen Generator	Portable	Membrane	4 SCFM	100-175	30 Gallon	Included	Coil Only	Lt. Truck
ANS-485	Nitrogen Generator	Portable	Membrane	4 SCFM	100-175	30 Gallon	Included	Retractable	Lt. Truck
ANS-675	Nitrogen Generator	Portable	Membrane	8 SCFM	100-175	30 Gallon	Included	Coil Only	Lt. Truck
ANS-685	Nitrogen Generator	Portable	Membrane	8 SCFM	100-175	30 Gallon	Included	Retractable	Lt. Truck



The Advantage nitrogen inflation wand is a revolutionary compact, handheld nitrogen gas generator that produces nitrogen gas from compressed air. The Advantage wand was developed in order to offer a cost-effective, reliable and safe alternative to traditional gas supplies such as cylinders.

Nitrogen is used as a clean, dry, inert gas primarily for removing oxygen from products and/or processes. Nitrogen inflation can prevent tire deflation caused by oxygen permeation through the tire walls and therefore helps to achieve and maintain correct tire pressure.

The Advantage nitrogen inflation wand is robust, lightweight and mobile and designed to inflate tires with nitrogen gas at the correct pressure and purity on vehicles such as cars, vans, trailers and motorcycles.

With innovative technology, outstanding performance and convenient design, the system offers a practical, low investment solution with a high margin potential.



Specifications

Handle life expectancy	50,000 tire fills
Cartridge life expectancy	12,000 tire fills
Nitrogen capacity	1.8 CFM
Nitrogen purity	95% (average)
Ambient temp. range	-4° - 122° F
Maximum tire pressure	50% of inlet pressure
Air inlet pressure range	75 - 160 PSI
Inlet connection	1/4" BSPP
Certifications	CE conforming (EMC & PED art.3.3)
Warranty (handle)	50,000 tire fills
Warranty (cartridge)	12,000 tire fills
Maintenance	none required
Dimensions (handle)	9" (h) x 3.5" (w) x 25" (d)
Weight (handle)	< 2.5 lbs
Dimensions (cartridge)	17.5" (h) x 3.5" (w)
Weight (cartridge)	< 1.5 lbs



Perfect for motorcycles!

Catalog #	Description	Nitrogen Production	Form Factor
ANS-018H	Advantage Nitrogen System	1.8 CFM	Handheld
ANS-018C	Advantage Replacement Cartridge (12,000 fill duty cycle)		

Taray Nitrogen Auto-Inflation System

The auto-nitrogen inflation system was designed to automate the tire inflation and purge cycles when using nitrogen systems. The digital auto-inflator works in conjunction with a 4-way manifold system for simultaneous inflation of up to six passenger or truck tires.

The auto-inflation system is wall-mounted for easy access by shop personnel. The user inputs the desired target pressure on the digital screen and simply chooses one of two types of inflation programs, standard inflation or purge inflation. The unit is programmed to "purge" inflate tires for maximum nitrogen purity.

Several options are available with this system such as core removing chucks, dual LCD screens, etc.



Enhanced Safety for Vehicles

The most significant benefit of filling tires with nitrogen on automobiles is enhanced safety. Under inflation of tires due to the diffusion of air through the tire was identified as a significant cause of recent tire failures.

In fact, the TREAD Act recently passed by the US Congress requires the National Highway and Transportation Safety Administration (NHTSA) to develop an on-board warning of low tire pressure in all automobiles.

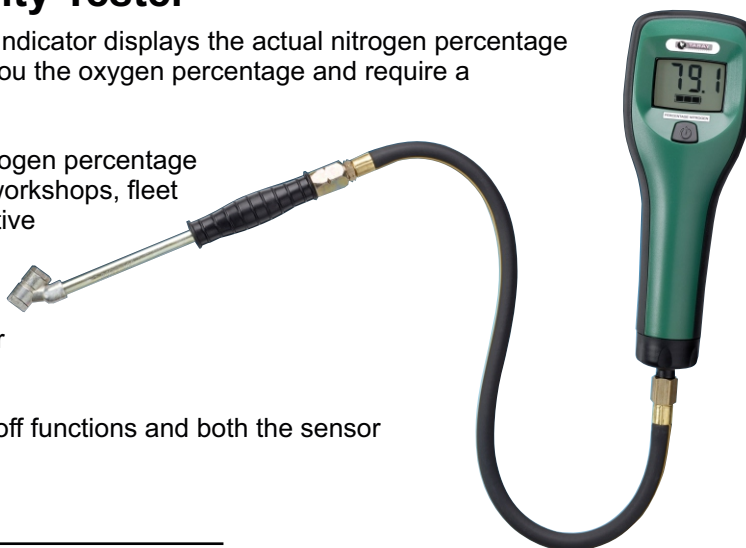
Taray/Advantage Nitrogen Purity Tester

The new Advantage handheld nitrogen percentage indicator displays the actual nitrogen percentage in your tires. All other systems in the market show you the oxygen percentage and require a calculation to convert it to the nitrogen percentage.

The rugged ergonomic design of the Advantage nitrogen percentage indicator enables ease of use in motor racing pits, workshops, fleet control stations, tire stores, lube shops and automotive dealerships.

Ease of use, fast reaction time and large digital display make the ANS nitrogen percentage indicator the preferred choice among industry professionals.

The battery life is extended by an automatic power off functions and both the sensor and battery can be easily replaced by the user.



Catalog #	Description
15637	Advantage Digital Automatic Tire Inflation System - Green
15638	Advantage 4-Way Manifold With Hoses & Chucks
16761	Advantage 6-Way Manifold
16762	Advantage 8m Hose For 6-Way Manifold System - Green
ANS-ANALYZER-T	Advantage Handheld Nitrogen Purity Analyzer - Green
ANS-N2SENSOR	Advantage Replacement Nitrogen Sensor For Handheld Analyzer