

NitroPRO® Nitrogen Tire Filling Systems

Nitrogen tire filling: Improves fuel mileage and increases tire performance for your customers. Increases your bottom line.

Studies of nitrogen tire filling show that car owners can improve gas mileage by up to 10% and extend tire life by as much as 25%! Tire filling with 95% minimum purity nitrogen helps keep tires at optimum inflation levels, which in turn delivers fuel savings and improved tread wear compared to under inflated tires. And properly inflated tires improve safety and handling as well. Nitrogen tire filling is one of the fastest growing segments in the auto service industry as more car owners seek ways to save money and improve gas mileage. RTI pioneered portable Nitrogen tire filling equipment with its introduction of NitroPRO® machines known throughout the industry for superb quality and superior performance. Now NitroPRO® equipment is available with more features than ever before!

Easy, Convenient & Profitable

NitroPRO® nitrogen production and delivery systems generate on-demand nitrogen using shop air and feature an on-board storage reservoir, triple filtration system for system purity and membrane longevity and automatic shutoff for less air compressor on-time.

Fast Service Speed

All NitroPRO® nitrogen generation stations feature a unique single tire inflation/deflation process to quickly exhaust air and moisture from the tire and fill with nitrogen. Multi-tire NitroPRO® generators utilize an exclusive algorithm for the tire deflation/inflation process.

Easy N2 Service Validation

Every NitroPRO® unit comes standard with a NitroPRO hand-held nitrogen purity tester to provide a quick and accurate nitrogen purity assessment for tires or reservoir. It is very convenient to use, very accurate and is highly reliable.

NitroPRO Membrane Technology

RTI's NitroPRO® membrane performs consistently over a wide temperature range and will not deteriorate in cool garage environments. All NitroPRO® polymer membranes are fully aged and stabilized before factory shipment to maximize and maintain NitroPRO®'s high nitrogen purity and generation performance for many years to come. NitroPRO® is a large-bore membrane. That means the membrane fiber is less susceptible to contamination.



NTF-515
NitroPRO® Automatic Multiple Tire Filling System
w/ Purity Selector
(5.1 SCFM capacity membrane)

P/N 455-80018-00

NTF-515

NitroPRO® NTF-515 Nitrogen Tire Filling Systems

Introducing the NitroPRO® NTF-515, the most versatile nitrogen tire-filling machine available in the market today!

RTI's new NitroPRO® NTF-515 is the professional's choice for nitrogen tire inflation with more nitrogen tire fill capability and variable nitrogen purity level flexibility. Major features include:

Application flexibility – dual setting provides either 95% or 98% N2 purity at the outlet with the twist of a wrist!

Superior productivity – automatic operation, up to six tire simultaneous fill!

Super-fast service times – about 7 minutes for four 225/60R15 tires simultaneously!

Use anywhere – battery powered fill controller provides superior unit portability!

Fill versatility – programmable control head easily accommodates variable pressure settings

Service counter – records both single and multi-fill services

Single tire operation (deflate, vacuum & fill or simply fill) – perfect for new tire installation & top-offs

5.1 CFM large-bore membrane – high throughput and efficiency

TechALERT®
COMPATIBLE

Consumer marketing support materials available

Rechargeable Battery

- Provides power for full day of use
- Standard 110V outlet re-charge
- Conveniently located recharge connection port
- Power recharge cord included



N2 Purity Selector

- Decide what's best for you
...95% or 98% purity level
- Superior market adaptability
- Simple operation



Fill Gun

- Digital display w/ variable units of measure display
- Superb accuracy, within (+/- 1%)
- Illuminated display w/ auto shut-off
- Durable rubber coated housing



Large Bore Membrane

- Fully aged, no degradation over time
- Less susceptible to contamination

Rear Wheel Assemblies

- Cushioned, non-inflatable
- Permanently lubed bearing
- No maintenance required



Control Panel

- Inlet air pressure gauge
- N2 reservoir pressure gauge
- Tire fill digital controls
- N2 reservoir purity test port

Inflation Processor

- Battery powered for complete portability
- Fully automatic operation
- Automatic system purge after service
- Easy programming

Filter System

- H2O Separator – 99.9% efficiency
- Oil Separator – 99.9% efficiency
- Carbon Filter Bed – separates & purges random gases
- Fine Particulate Filter – traps fine particulates & residual moisture



Dually-Fill Hose Option

- Readily adapts machine to (6) hose fill capability
- Available as accessory kit
- Simple & convenient connection
P/N 355-80123-00

Single Tire Fill Hose

- Utilizes vacuum/inflate process
- Perfect for rapid single tire fill & "top-offs"
- Coiled hose with fill gun

Multiple Tire Fill Hose

- Standard configuration – (4) hose tire fill
- Accommodates majority of N2 tire fill applications

Hose Storage

- Side mount hose storage – neatly bundles 4-hose configuration
- Keeps hoses separated & out of the way