

Nitron Series



**NITROGEN GENERATOR with
AUTOMATIC TIRE INFLATOR**



All the above use nitrogen in their tires

**Your Vehicle's tire pressure & safety
is important because, Everything Rides on it !**

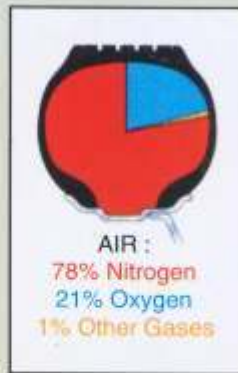
Nitrogen Series Nitrogen Generators with in-built Tire inflation systems is a boon to people who want more mileage out of their vehicle's tires, better safety and riding comfort. Nitron Series PSA Nitrogen generators are DUAL POWER operated. The tire inflation system automatically switches over to a built in battery power in case of a power failure. This unique feature helps to inflate all vehicle tires with the stored Nitrogen in case power fails in between.



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NITROGEN TYRE INFLATION

Filling Nitrogen in your tires with Cherry Precision Products' Nitron Nitrogen generators, is a good way to get better performance and safety from your tires. Nitrogen will leak about one third times less than the normal compressed air, owing to the fact that Nitrogen molecule is bigger in size than the normal compressed air. Nitrogen can offer many advantages.



- Improved road grip.
- Safer all-weather performance.
- Increased fuel economy.
- No internal oxidation through the elimination of moisture.
- Increased tyre life.

FEATURES



TYRE COUNTER

This automatically indicates the "number of tires" inflated at that point of time. Easy to read LCD Display can store up to 99999 counts.

METRIC / PSI DISPLAY

Tire pressure can be indicated either in Metric units as kg/cm² or in Imperial units as psi through selector buttons in the front panel. The corresponding light will glow.

DUAL DISPLAY

Both SET PRESSURE and ACTUAL PRESSURE can be read in the large LED / LCD displays in the front panel.

VACUUMISER

This feature is intended to be used in tires which are to be filled with Nitrogen for the first time. In order to effectively evacuate the normal compressed air from tire, VAC duration in seconds has to be selected. Using the UP DN selector switches provided next to LCD display unit VAC duration can be varied from 1 to 180 seconds depending on the size of the tire. Normally about 60 to 90 seconds is recommended for cars.

To conserve energy we advocate against using VAC. The normal compressed air can be vented out using the valve in the tire. Let us save energy for our future generation.

MODE SELECTOR

The mode selector is used to select amongst Motor Cycles/Car/LCV. This in turn selects the appropriate valve constant to quickly and safely complete tire inflation.

CYCLE START

CYCLE START button when pressed, starts the VAC cycle and automatically switches over to SET PRESSURE and completes the cycle with a BEEP Indication

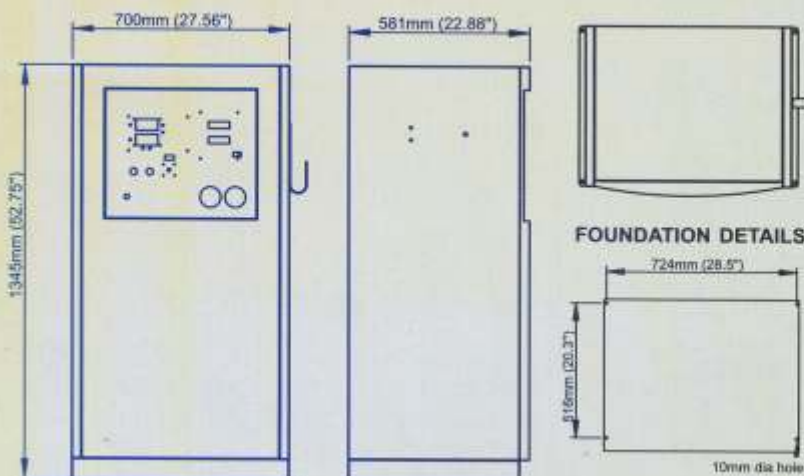
Specifications

NITRON 70 Plus

N ₂ output	: 40 to 70 lpm
Inlet pressure	: 7 to 8 bar
N ₂ outlet pressure	: 6 bar
Dual Power	: Enabled
Main Display	: LED
Vacuum display	: LCD
Tyre Counter	: LCD
Nitrogen Purity	: 95 to 99 %
Storage Tank	: 70 Ltrs.
Approx Unit Weight	: 90 kgs.

Note : Due to continual improvement Specifications are subject to change without notice.

OUTLINE DIMENSIONS



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