

# Nitrogen Tyre Inflator



Nitrogen....
a gas for all tyres

With AFF Technology

N<sub>2</sub>/Air Dual Filling System

Freedom for your tyre

# Advantage of Nitrogen in tyres

- → Long term stability of the tyre pressure
- → Better grip and handling
- → Reduced fuel consumption
- → Longer tyre life
- → Enhanced safety
- → No oxidation within the tyre

# Nitrogen in tyres

Nitrogen is used in tyres to avoid air leaking through the tyre wall which results in under-inflation. The reason why nitrogen is used is because it is easy to produce, does not support combustion, has no smell and is also a component of atmospheric air. Using nitrogen in tyres maintains the correct pressure, and reduces all problems associated with under inflation. The Nitrogen tyre inflators are available in two models.

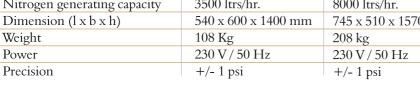
#### **Features**

Ergonomic design, robust unit to meet the needs of all types of tyres / service shops

- Generates nitrogen at a rate of 3500 litres/hour for car model and 8000 litres/hour for truck model
- Integrated 60 litres storage tank for car and external 250 litres storage for truck model
- Integrated vacuuming system for removing air out of the tyre before inflating with Nitrogen **→**
- **→** High grade filter separation system
- Inlet/outlet pressure indicators
- N2/Air Dual Filling System
- On demand real time Purity Indicator\*
- In-built Digital Counter\*

# **Technical Specifications**

	Car Tyre Inflator	Truck Tyre Inflator
Recommended Input Pressure	9.5 Kgf/cm <sup>2</sup>	12 Kgf/cm <sup>2</sup> (min.)
Purity of Nitrogen	95%	95%
Storage tank size	60 litres	250 litres
Output pressure	8.5 Kgf/cm <sup>2</sup>	10 Kgf/cm <sup>2</sup>
Nitrogen generating capacity	3500 ltrs/hr.	8000 ltrs/hr.
Dimension ( $l \times b \times h$ )	540 x 600 x 1400 mm	745 x 510 x 1570 mm
Weight	108 Kg	208 kg
Power	230 V / 50 Hz	230 V / 50 Hz
Precision	+/- 1 psi	+/- 1 psi





Nitrogen Truck Tyre Inflator

#### The Long Run benefits only with ATS ELGI

Over 50 years of experience and continuous innovations, make ATS ELGI's Nitrogen Tyre inflators such a briliant solution for you. They are exceptionally dependable, engineered to global practices like six-sigma, TPM, TQM and Quality Circles. Added to innumerable product advantages is the invaluable edge of service. A vast dealer network spanning India and the world ensure easy availability and prompt service.

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<sup>\*</sup> also available without these features