

## CAC TIRE INFLATOR

CAC series N<sub>2</sub> tire inflators are dedicated to develop N<sub>2</sub> generating devices of more pure and more reliable. This device can be used to give special effective protection for tires of family cars and commercial vehicles.

### 1. Improve the stability of tires under transport condition

N<sub>2</sub> is inert and can effectively keep the tire pressure, thereby improves the stability of tires under transport condition.

### 2. Avoid tire burst

In the driving process, the temperature of tires will gradually rise when they rub the road surface; tire burst accidents will happen when the temperature of tires reach to a certain level, but filling N<sub>2</sub> into tires will reduce the rate of heat collecting and hence avoids tire burst.

### 3. Reduce fuel consumption

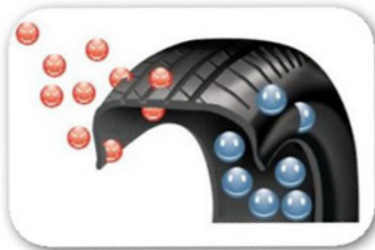
When vehicles run under the condition of lacking tire pressure, the driving resistance of the tires and the fuel consumption will be increased. After filled with N<sub>2</sub>, tires can keep stable tire pressure and the fuel consumption could be reduced; tests reveal: comparing with air tires, the oil-saving rate of N<sub>2</sub> tires is from 2% to 10%.

### 4. Prolong the service life of tires

Filling N<sub>2</sub> into tires can reduce the irregular friction between tires and road surfaces and also can reduce oxidation, thereby maintains the strength and elasticity of tires and prolong the service life of tires.

### 5. More green environmental protection

The audio conductivity of nitrogen is low, which is about 1/5 of the air, thereby it can reduce the tire noise and noise pollution. Besides, after fill nitrogen into tires, the fuel consumption could be reduced when the vehicles are running, thereby reduces the emissions of pollutions.



SAFE ENERGY-SAVING ENVIRONMENTAL STABLE



### CAC-1 Manual/Auto Tire Inflator

The CAC-1 N<sub>2</sub> tire inflator will help the users to keep a proper tire pressure, which will maximize the tires' service life and fuel efficiency, and the higher the N<sub>2</sub> purity is, the more stable the tire pressure will be, and the longer the tires' service life will be.

#### Specifications:

1. Nitrogen Purity: 95-99%
2. Nitrogen Flow Rate: 40~60L/min (2 scfm)
3. Working Pressure: 90-145psig
4. Handle: 2-4 tires at the same time
5. Built-in 1piece of 12L (0.42 cubic foot) N<sub>2</sub> buffer tank
6. External (or Built-in ) two stages of high efficiency air filters with pressure regulator
7. 1 piece of 10 meters (32.8 feet) nitrogen rubber hose with chuck
8. Power: AC220V
9. Dimension: 620\*470\*1100(mm3)/ 43"H X 18"W X 25"D
10. Weight:60Kg (132 lbs)

#### Product Accessories:

1. Optional 1 piece of 10 meters (32.8 feet) nitrogen rubber hose with chuck
2. Optional 1 piece of digital handset oxygen analyzer
3. One spare N<sub>2</sub> outlet

#### Product features:

1. High purity of product nitrogen with reliable performance
2. Original imported components with good quality and reliable performance
3. Heavy duty caster, portable and stable, low maintenance
4. Sturdy Industrial cabinet
5. 10 years plus time-proven PSA technology



### CAC-3 Manual/Auto Tire Inflator

The CAC-3 N<sub>2</sub> tire inflator will help the users to keep a proper tire pressure, which will maximize the tires' service life and fuel efficiency, and the higher the N<sub>2</sub> purity is, the more stable the tire pressure will be, and the longer the tires' service life will be. The system can deliver N<sub>2</sub> to the tires to get to the rated inflating volume in less than 12 minutes - the purity of N<sub>2</sub> could be up to 99.9% .

#### Specifications:

1. Nitrogen Purity: 95-99%
2. Nitrogen Flow Rate: 85~114L/min (4 scfm)
3. Working Pressure: 90-145psig
4. Handle: 4-6 tires at the same time
5. Built-in 1piece of 15L (0.53 cubic foot) N<sub>2</sub> buffer tank
6. External (or Built-in ) two stages high efficiency air filters with pressure regulator
7. 2 pieces of 10 meters (32.8 feet) nitrogen rubber hose with chuck
8. Power: AC220V
9. Dimension: 620\*600\*1340(mm3)/ 53"H X 24"W X 25"D
10. Weight:90Kg (198 lbs)

#### Product Accessories:

1. Optional 4 pieces of 10 meters (32.8 feet) nitrogen rubber hose with chuck
2. Optional 1 piece of digital handset oxygen analyzer
3. Two spare N<sub>2</sub> outlets

#### Product features:

1. High purity of product nitrogen with reliable performance - maximum 99.9%
2. Original imported components with good quality and reliable performance
3. Heavy duty caster, portable and stable, low maintenance
4. Sturdy Industrial cabinet
5. 10 years plus time-proven PSA technology