











About EST Corporation

EST Corporation is specialized in manufacturing Nitrogen Tyre Inflation System and Automatic Air Tyre Inflator with brand name of G5.

EST Corporation is one of the earliest PSA Nitrogen Tyre Inflation System manufacturer in the global market. EST Corporation is the technical leader in this industry.

There are more than 30,000 clients in over 60 countries using G5 Nitrogen Tyre Inflation System throughout the world.

Our monthly production capacity reaches 800 Nitrogen Tyre Inflation Systems and 1000 Automatic Air Tyre Inflators.

Constantly Innovation, Enhance Versatility, Superior Performance are reflected in our products. We warmly welcome you, our esteem customers to place us G5-branded order or OEM and ODM orders.

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Why do we need G5 Nitrogen?

Sussex Police force, in the United Kingdom, carried out a roadside survey to check tyre pressures due to their concern with incorrectly inflated tyres. The check allowed a +/- 5psi tolerance against recommended handbook pressures.

The results of the survey were that 73% of all cars checked had incorrect pressures.

Police also check the tyre pressures of every car involved in a road traffic accident in the UK. This data shows that 86% of vehicles involved in road traffic accidents have incorrect tyre pressures.

Tyres that are under inflated by just 20% (4-6 psi) on average can add £2,600 to a fleet tyre bill that should be £10,000, a 26% increase in cost. According to police figures 73% of tyres checked were 5 psi out against handbook pressures.

It is estimated that under-inflation of 20% can cause fuel costs to rise by 5%.

Compressed air contains Water, Water vapour and Oxygen, which attacks the wheel rims and shortens the useful life of the rubber.

Why do all tyres lose pressure?

Certain components namely Oxygen, water vapour and free water that are found in compressed air are prone to permeation through the tyre structure. This is not from faulty valves or leaky rims but a natural pressure loss across the tyre and into the atmosphere. Of these components, both water vapour and free water can enter the tyre in varying amounts even if identical tyres are inflated with the same gauge on the same day. Compressed air is not a specified gas and as such will always contain varying amounts of components that are not suitable for tyre these inflation.

The benefits of Nitrogen Tyre Inflation

Under inflated tyres create drag which increases tread wear, fuel costs and the risk of punctures as well as having a significant effect on a cars performance both in handling and cost. G5 produces a stable inflation mixture, that has improved pressure retention properties that will ensure tyres remain fully inflated for longer. By having your tyres at the correct pressures you will experience the following benefits:

- 1. Better handling and road holding
- 2. Reduces tread wear and increases tyre life by up to 25%
- 3. Correct inflation pressures reduce puncture risk by up to 33%
- 4. Reduced rolling resistance improves miles per gallon by 2%
- 5. Improved pressure retention

Tyre Inflation equipment

Nitrogen Purge Function (N2P)

More and more consumers are looking towards nitrogen for tyre inflation due to the added advantages that it can offer. These are temperature stability, reduced osmosis and reduced tyre pressure maintenance.

These will all increase the safety for the driver of the vehicle. It also provides the financial benefits of increased tyre life and greater fuel economy. To increase the purity of nitrogen in the tyre, the air must be removed. The N2P facility can be set between 0 and 9. This is the number of times the unit will purge the contents of the tyre and then re-inflate with the nitrogen supplied. The DPS can be set between 4PSI/0.3bar/30kPa and 50% of the final target pressure. This is the first deflate lower limit setting. The unit will deflate the tyre down to the DPS setting, and then inflate to the final target pressure. If 1 N2P cycle was set, then the cycle is now completed. If more than one N2P cycle was set, from the second N2P procedure, the unit will deflate the tyre to 25% of the final target pressure and refill to the final target pressure, the purge routine (deflate/inflate) is repeated according to the number of purge cycle set.

If both OPS and N2P are set, the unit will first over inflate to seat the bead, and then continue to purge the contents as required.

Over Pressure Setting (OPS)

When fitted, the bead of the new tyre must be seated on the wheel rim. This is done via inflating the tyre past the required pressure until the bead is in place. The pressure needs to then be reduced to the required pressure. Traditionally this is done manually and is therefore time consuming for the operator. The OPS function allows the operator to set the amount of over pressure between 0 and 2bar/29psi/200kPa. The unit will then over inflate the tyre by the set amount before automatically deflating back to the final pressure required.

Automatic Digital Tyre Inflator (Indoor)



E-010-OPS-P-2-N

Wall-Mounted Automatic Digital Tyre Inflator (Indoor)

Specifications

- 1. Adjustable over pressure setting (OPS)
- 2. Auto-start inflation
- 3. Automatic zero drift adjustment
- 4. Remain at last setting
- 5. Comprehensive diagnostics and error reporting
- 6. Audible and visual end of the cycle signal indicators
- 7. Large backlight LCD display
- 8. Vandal resistant mechanical switches
- 9. Suits Standard nitrogen bottle/Direct nitrogen supply from generator/Air compressor
- 10. 1 Nos.*10M/32.8ft standard hose with single clip-on open type chuck
- 11. Options available:
- Operating range: 5-174PSI/0.3-12bar/35-1200kPa
- With ON/OFF switch

Main feature

- ABS / PC enclosure
- Fully automated, fully programmable, micro-processor controlled conversion system
- Suit for: Motorcycle, Car, Light Truck, Bus *

Technical Data Summary

Dimensions (Height*Width*Depth) 250mm*230mm*100mm 9.9"*9.1"*4.0"

Net Weight3.2kg/7.1lbsGross Weight5.7kg/12.6lbs

Packing Size (Height*Width*Depth) 170mm*500mm*290mm

6.7"*19.7"*11.4"

Power Requirement 100-240Vac 50/60HZ

Power Consumption 10VA
Operating Temperature Range -20°C/-4°F to 70°C/158°F
Max Inlet Air/Nitrogen Supply 160PSI /11bar /1100kPa

Operating Range 5-145PSI/0.3-10bar/35-1000kPa
Over Pressure Setting Range 0-29PSI/0-2.0bar/0-200kPa

Accuracy ±1PSI/0.07bar/7kPa
Resolution 1PSI/0.1bar/5kPa
Units of Measurement PSI/bar/kPa



E-010-OPS-DL-P-2-N

Wall-Mounted Automatic Digital Tyre Inflator with 2 Displays to Show Preset & Actual Pressure (Indoor)

Specifications

- 1. Adjustable over pressure setting (OPS)
- 2. Auto-start inflation
- 3. Automatic zero drift adjustment
- 4. Remain at last setting
- 5. Comprehensive diagnostics and error reporting
- 6. Audible and visual end of the cycle signal indicators
- 7. Large backlight LCD display
- 8. Vandal resistant mechanical switches
- Suits Standard nitrogen bottle/Direct nitrogen supply from generator/Air compressor
- 10. 1 Nos.*10M/32.8ft standard hose with single clip-on open type chuck
- 11. Options available:
- Operating range: 5-174PSI/0.3-12bar/35-1200kPa
- With ON/OFF switch

Main feature

- ABS / PC enclosure
- Fully automated, fully programmable, micro-processor controlled conversion system
- Suit for: Motorcycle, Car, Light Truck, Bus *

Technical Data Summary

Dimensions (Height*Width*Depth) 250mm*230mm*100mm

9.9"*9.1"*4.0"

Net Weight3.5kg/7.8lbsGross Weight6.0kg/13.3lbs

Packing Size (Height*Width*Depth) 170mm*500mm*290mm

6.7"*19.7"*11.4"

Power Requirement 100-240Vac 50/60HZ Power Consumption 10VA

Operating Temperature Range -20°C/-4°F to 70°C/158°F

Max Inlet Air/Nitrogen Supply 160PSI /11bar /1100kPa

Operating Range 5-145PSI/0.3-10bar/35-1000kPa
Over Pressure Setting Range 0-29PSI/0-2.0bar/0-200kPa

Accuracy ±1PSI/0.07bar/7kPa
Resolution 1PSI/0.1bar/5kPa
Units of Measurement PSI/bar/kPa



E-012-OPS-S-N

Automatic Digital Tyre Inflator for Safety Inflation Cage (Indoor)

Technical Data Summary

Dimensions (Height*Width*Depth) 290mm*230mm*120mm

11.4"*9.1"*4.7"

Net Weight 4kg/8.8lbs Gross Weight 7kg/15.4lbs

Packing Size (Height*Width*Depth) 170mm*500mm*290mm

6.7"*19.7"*11.4"

Power Requirement 100-240Vac 50/60HZ

Power Consumption 23VA

Operating Temperature Range -20°C/-4°F to 70°C/158°F

Max Inlet Air/Nitrogen Supply 217PSI /15bar /1500kPa

Operating Range 5-174PSI/0.3-12bar/35-1200kPa

Over Pressure Setting Range 0-29PSI/0-2.0bar/0-200kPa
Accuracy ±1PSI/0.07bar/7kPa
Resolution 1PSI/0.1bar/5kPa

Units of Measurement PSI/bar/kPa

Main feature

- 174PSI/12bar/1200kPa output pressure make the unit a fit for almost any size automotive service facility **
- Rugged and durable diecast aluminium enclosure for inflator head
- With safety switch: Open the cage door, tire inflation is paused.
- Suit for: Car, Light Truck, Bus *

Specifications

- 1. Adjustable over pressure setting (OPS)
- 2. Auto-start inflation
- 3. Automatic zero drift adjustment
- 4. Remain at last setting
- 5. Comprehensive diagnostics and error reporting
- 6. Audible and visual end of the cycle signal indicators
- 7. Large backlight LCD display
- 8. Vandal resistant mechanical switches
- 9. 1 Nos.*10M/32.8ft standard hose with single clip-on open type chuck



E-012-OPS-S-E1-N

Automatic Digital Tyre Inflator for Safety Inflation Cage (Indoor)

Technical Data Summary

Dimensions (Height*Width*Depth) 290mm*230mm*120mm

11.4"*9.1"*4.7"

Net Weight 4kg/8.8lbs
Gross Weight 7kg/15.4lbs

Packing Size (Height*Width*Depth) 170mm*500mm*290mm

6.7"*19.7"*11.4"

Power Requirement 100-240Vac 50/60HZ

Power Consumption 23VA

Operating Temperature Range -20°C/-4°F to 70°C/158°F

Max Inlet Air/Nitrogen Supply 217PSI /15bar /1500kPa

Operating Range 5-174PSI/0.3-12bar/35-1200kPa

Over Pressure Setting Range 0-29PSI/0-2.0bar/0-200kPa

Accuracy ±1PSI/0.07bar/7kPa

Resolution 1PSI/0.1bar/5kPa

Units of Measurement PSI/bar/kPa

Main feature

- 174PSI/12bar/1200kPa output pressure make the unit a fit for almost any size automotive service facility **
- Rugged and durable diecast aluminium enclosure for inflator head
- With safety switch: Open the cage door, tire inflation is paused.
- With emergency stop switch: Press the switch, tire inflation is stopped and tire pressure is discharged.
- Suit for: Car, Light Truck, Bus *

Specifications

- 1. Adjustable over pressure setting (OPS)
- 2. Auto-start inflation
- 3. Automatic zero drift adjustment
- 4. Remain at last setting
- 5. Comprehensive diagnostics and error reporting
- 6. Audible and visual end of the cycle signal indicators
- 7. Large backlight LCD display
- 8. Vandal resistant mechanical switches
- 1 Nos.*10M/32.8ft standard hose with single clip-on open type chuck



E-012-OPS-S-E1-E2-N

Automatic Digital Tyre Inflator for Safety Inflation Cage (Indoor)

Technical Data Summary

Dimensions (Height*Width*Depth) 290mm*230mm*120mm

11.4"*9.1"*4.7"

Net Weight 4.5kg/9.9lbs
Gross Weight 7.5kg/16.5lbs

Packing Size (Height*Width*Depth) 170mm*500mm*290mm

6.7"*19.7"*11.4"

Power Requirement 100-240Vac 50/60HZ

Power Consumption 23VA

Operating Temperature Range -20°C/-4°F to 70°C/158°F

Max Inlet Air/Nitrogen Supply 217PSI /15bar /1500kPa

Operating Range 5-174PSI/0.3-12bar/35-1200kPa

Over Pressure Setting Range 0-29PSI/0-2.0bar/0-200kPa
Accuracy ±1PSI/0.07bar/7kPa
Resolution 1PSI/0.1bar/5kPa

Units of Measurement PSI/bar/kPa

Main feature

- 174PSI/12bar/1200kPa output pressure make the unit a fit for almost any size automotive service facility **
- Rugged and durable diecast aluminium enclosure for inflator head
- With safety switch: Open the cage door, tire inflation is paused.
- With 2 emergency stop switches (Panel & Extension Cable): Press the switch, tire inflation is stopped and tire pressure is discharged.
- Suit for: Car, Light Truck, Bus *

Specifications

- 1. Adjustable over pressure setting (OPS)
- 2. Auto-start inflation
- 3. Automatic zero drift adjustment
- 4. Remain at last setting
- 5. Comprehensive diagnostics and error reporting
- 6. Audible and visual end of the cycle signal indicators
- 7. Large backlight LCD display
- 8. Vandal resistant mechanical switches
- 9. 1 Nos.*10M/32.8ft standard hose with single clip-on open type chuck















E-010-4L-P (Standard Model, With Printer) E-010-4L (Customized Model, No Printer)

Automatic Digital Tyre Inflator Built-in Printer and Multi-head inflator for 4 Tyres Simultaneous Inflation (Indoor)

Technical Data Summary

Dimensions(Height*Width*Depth) 280mm*275mm*175mm

11"*10.8"*6.9" Net Weight 13kg/28.6lbs

Gross Weight 14kg/30.8lbs

Packing Size(Height*Width*Depth) 230mm*320mm*610mm

9"*12.6"*24" ower Requirement 100Vac/240Vac 50/60HZ,

Power Requirement 100Vac Power Consumption 40VA

Operating Temperature Range -20°C/-4°Fto 70°C/158°F Max Inlet Compressed Air Supply 217PSI/15bar/1500kPa

Maximum Operating Pressure 145PSI/10.0bar/1000kPa
Minimum Operating Pressure 5PSI/0.3bar/35kPa

Over Pressure Setting Range 0-29PSI/0-2.0bar/0-200kPa Nitrogen Purges 0-9

 Nitrogen Purges
 0-9

 Inflator Accuracy
 ±1PSI/0.07bar/7kPa

 Resolution
 1PSI/0.1bar/5kPa

 Units of Measurement
 PSI/bar/kPa

Main feature

- Print the "Before Inflate" and "After Inflate" pressure for each individual tyre respectively
- Set and inflate different pressure for front and rear tyres simultaneously**
- Individual tyre pressure readout from the four display screens
- Converts up to 4 tyres to Nitrogen simultaneously at the touch of a button**
- $\blacksquare \ \ \mathsf{Fully} \ \mathsf{automated}, \mathsf{fully} \ \mathsf{programmable}, \mathsf{micro-processor} \ \mathsf{controlled} \ \mathsf{conversion} \ \mathsf{system}$
- Suit for: Car, Light Truck, Bus

Specifications

- 1. Auto-start inflation
- 2. Automatic zero drift adjustment
- 3. Remain at last setting
- 4. Audible and visual end of the cycle signal indicators
- 5. Self-diagnostic features
- 6. Vandal resistant mechanical switches
- 7. Large backlight LCD display
- 8. 4 Nos.*10M/32.8ft standard hoses with single clip-on chuck
- 9. Comprehensive diagnostics and error reporting
- 10. Nitrogen purge and fill cycle (N2P)
- 11. Adjustable over pressure setting (OPS)
- 12. Adjustable number of cycles
- 13. Adjustable lower purge pressure limit
- 14. 4 air outlets allow simultaneous inflation of up to 4 tyres















E-012-6L-P (Standard Model, With Printer) E-012-6L (Customized Model, No Printer)

Automatic Digital Tyre Inflator Built-in Printer and Multi-head inflator for 6 Tyres Simultaneous Inflation (Indoor)

Technical Data Summary

Dimensions(Height*Width*Depth)

Net Weight

Packing Size(Height*Width*Depth)

Power Requirement

Power Consumption Operating Temperature Range

Max Inlet Compressed Air Supply Maximum Operating Pressure Minimum Operating Pressure

Over Pressure Setting Range Nitrogen Purges Inflator Accuracy

Units of Measurement

Resolution

280mm*395mm*200mm

11"*15.6"*7.9"

21kg/46,2lbs

23kg/50.6lbs

240mm*440mm*720mm

9.4"*17.3"*28.3" 100Vac/240Vac 50/60HZ,

-20°C/-4°Fto 70°C/158°F 217PSI/15bar/1500kPa

174PSI/12.0bar/1200kPa

5PSI/0.3bar/35kPa

0-29PSI/0-2.0bar/0-200kPa

±1PSI/0.07bar/7kPa 1PSI/0 1har/5kPa PSI/bar/kPa

Main feature

- Print the "Before Inflate" and "After Inflate" pressure for each individual tyre respectively
- Set and inflate different pressure for front and rear tyres simultaneously**
- Individual tyre pressure readout from the four display screens
- Converts up to 6 tyres to Nitrogen simultaneously at the touch of a button**
- Fully automated, fully programmable, micro-processor controlled conversion system
- Suit for: Car, Light Truck, Bus

Specifications

- 1. Auto-start inflation
- 2. Automatic zero drift adjustment
- 3. Remain at last setting
- 4. Audible and visual end of the cycle signal indicators
- 5. Self-diagnostic features
- 6. Vandal resistant mechanical switches
- 7. Large backlight LCD display
- 8. 6 Nos.*10M/32.8ft standard hoses with single clip-on chuck
- 9. Comprehensive diagnostics and error reporting
- 10. Nitrogen purge and fill cycle (N2P)
- 11. Adjustable over pressure setting (OPS)
- 12. Adjustable number of cycles
- 13. Adjustable lower purge pressure limit
- 14. 6 air outlets allow simultaneous inflation of up to 6 tyres

Automatic Digital Tyre Inflator (Outdoor)



E-07-T-OD-2-COMP-LB-SL

Coin-Operated Digital Tyre Inflator with Built-in Air Compressor (Outdoor)

Technical Data Summary

Dimensions (Height*Width*Depth) 1190mm*500mm*400mm

46.8"*19.7"*15.7"

Packing Size (Height*Width*Depth) 1380mm*730mm*510mm

54.3"*28.7"*20.1"

Net Weight 80KG/176.0lbs Gross Weight 97KG/213.3lbs

Power Requirement 220Vac 50HZ/110Vac 60HZ

Power Consumption (No Heater) 850VA
Operating Temperature Range (No Heater)

5°C/41°F to 45°C/113°F

Operating Range 5-75PSI/0.3-5bar/35-500kPa

Inflator Accuracy ±1PSI/0.07bar/7kPa
Resolution 1PSI/0.1bar/5kPa
Units of Measurement PSI/bar/kPa

Main feature

- The unit needs a coin/s input signal to activate
- Built in oil-less air compressor
- Outdoor
- Suit for: Motorcycle, Car, Light Truck

Specifications

- 1. Auto-start inflation
- 2. Automatic zero drift adjustment
- 3. Remain at last setting
- 4. Audible and visual end of the cycle signal indicators
- 5. Large backlight LCD display
- 6. Vandal resistant mechanical switches
- 7. 1 Nos *12M/39.3ft filling hose
- 8. Locking access door with locks
- 9. Door recessed for extra strength and additional weatherproofing
- 10. The unit needs a coin/s input signal to activate
- 11. Number of coins to activate machine is adjustable
- 12. Amount of time per coin is adjustable
- 13. The coin/s remaining time will be displayed on the lower LCD
- 14. Number of coins put through the machine can be displayed on the lower LCD when turn on the unit
- 15. Built in oil-less air compressor
- 16. Stainless steel cabinet
- 17. Light box
- 18. Options available:
- Heater: When the ambient temperature lower than 5°C/41°F, the heater should be supplied to the unit to ensure the internal air compressor and inflator keep in normal good working condition
- Bank card reader



E-07-T-OD-5-COMP-SL

Coin-Operated
Double Side Digital Tyre Inflator
with Built-in Air Compressor
(Outdoor)

Technical Data Summary

Dimensions (Height*Width*Depth) 1370mm*510mm*420mm

53.9"*20.1"*16.5"

Packing Size (Height*Width*Depth) 1500mm*740mm*510mm

59.0"*29.1"*20.1"

Net Weight 82KG/180.4lbs Gross Weight 96KG/211.1lbs

Power Requirement 220Vac 50HZ/110Vac 60HZ

Power Consumption (No Heater) 950VA
Operating Temperature Range (No Heater)

5°C/41°F to 45°C/113°F

Operating Range 5-75PSI/0.3-5bar/35-500kPa

Inflator Accuracy ±1PSI/0.07bar/7kPa
Resolution 1PSI/0.1bar/5kPa
Units of Measurement PSI/bar/kPa

Main feature

- The unit needs a coin/s input signal to activate
- Built in oil-less air compressor
- Outdoor
- Suit for: Motorcycle, Car, Light Truck

Specifications

- 1. Auto-start inflation
- 2. Automatic zero drift adjustment
- 3. Remain at last setting
- 4. Audible and visual end of the cycle signal indicators
- 5. Large backlight LCD display
- 6. Vandal resistant mechanical switches
- 7. 2 Nos *12M/39.3ft filling hoses 8. Locking access door with locks
- 10. The unit needs a coin/s input signal to activate
- 11. Number of coins to activate machine is adjustable
- 12. Amount of time per coin is adjustable
- 13. The coin/s remaining time will be displayed on the lower LCD

9. Door recessed for extra strength and additional weatherproofing

- 14. Number of coins put through the machine can be displayed on the lower LCD when turn on the unit
- 15. Built in oil-less air compressor
- 16. Stainless steel cabinet
- 17. Options available:
- Heater: When the ambient temperature lower than 5°C/41°F, the heater should be supplied to the unit to ensure the internal air compressor and inflator keep in normal good working condition.
- Bank card reader



E-07-T-OD-2-COMP-LB-SL-VAC

Coin-Operated Vacuum Machine & Digital Tyre Inflator with Built-in Air Compressor (Outdoor)

Inflator Technical Data Summary

Dimensions (Height*Width*Depth)

Packing Size (Height*Width*Depth)

Net Weight **Gross Weight** Power Requirement

Power Consumption (No Heater)

Operating Temperature Range (No Heater) **Operating Range**

Inflator Accuracy Resolution Units of Measurement 5°C/41°F to 45°C/113°F 5-75PSI/0.3-5bar/35-500kPa ±1PSI/0.07bar/7kPa

220Vac 50HZ/110Vac 60HZ

1190mm*500mm*400mm

1380mm*730mm*510mm

46.8"*19.7"*15.7

54.3"*28.7"*20.1" 80KG/176.0lbs

97KG/213.3lbs

950VA

1PSI/0.1bar/5kPa PSI/bar/kPa

Vacuum Technical Data Summary

Dimensions (Height*Width*Depth)

Packing Size (Height*Width*Depth)

Net Weight **Gross Weight** Power Requirement Power Consumption

Operating Temperature Range

Speed

1320mm*500mm*300mm 52.0"*19.7"*11.8"

1400mm*370mm*370mm 55.1"*14.6"*14.6"

26KG/58.0lbs 31KG/69.0lbs

220Vac 50HZ/110Vac 60HZ

-20°C/-4°F to 45°C/113°F 21000RPM

Inflator Main feature

- The unit needs a coin/s input signal to activate
- Built in oil-less air compressor
- Outdoor
- Suit for: Motorcycle, Car, Light Truck

Inflator Specifications

- 1. Auto-start inflation
- 2. Automatic zero drift adjustment
- 3. Remain at last setting
- 4. Audible and visual end of the cycle signal indicators
- 5. Large backlight LCD display
- 6. Vandal resistant mechanical switches
- 1 Nos *12M/39.3ft filling hose
- 8. Locking access door with locks
- 9. Door recessed for extra strength and additional weatherproofing
- 10. The unit needs a coin/s input signal to activate
- 11. Number of coins to activate machine is adjustable
- 12. Amount of time per coin is adjustable
- 13. The coin/s remaining time will be displayed on the lower LCD
- 14. Number of coins put through the machine can be displayed on the lower LCD when turn on the unit
- 15. Built in oil-less air compressor
- 16. Stainless steel cabinet
- 17. Light box
- 18. Options available:
- Heater: When the ambient temperature lower than 5°C/41°F, the heater should be supplied to the unit to ensure the internal air compressor and inflator keep in normal good working condition
- Bank card reader



E-07-T-OD-2-COMP-SIGN-L-SL-VAC

Coin-Operated Vacuum Machine & Digital Tyre Inflator with Built-in Air Compressor (Outdoor)

Inflator Technical Data Summary

Dimensions (Height*Width*Depth)

Packing Size (Height*Width*Depth)

Net Weight **Gross Weight** Power Requirement

Power Consumption (No Heater)

Operating Range Inflator Accuracy

Resolution Units of Measurement 1190mm*500mm*400mm

46.8"*19.7"*15.7

1380mm*730mm*510mm

54.3"*28.7"*20.1" 80KG/176.0lbs 97KG/213.3lbs

220Vac 50HZ/110Vac 60HZ

950VA

Operating Temperature Range (No Heater)

5°C/41°F to 45°C/113°F 5-75PSI/0.3-5bar/35-500kPa ±1PSI/0.07bar/7kPa

1PSI/0.1bar/5kPa PSI/bar/kPa

Vacuum Technical Data Summary

Dimensions (Height*Width*Depth)

Packing Size (Height*Width*Depth)

Net Weight **Gross Weight** Power Requirement Power Consumption

Operating Temperature Range Speed

1320mm*500mm*300mm 52.0"*19.7"*11.8"

1400mm*370mm*370mm 55.1"*14.6"*14.6"

26KG/58.0lbs 31KG/69.0lbs

220Vac 50HZ/110Vac 60HZ

-20°C/-4°F to 45°C/113°F 21000RPM

Inflator Main feature

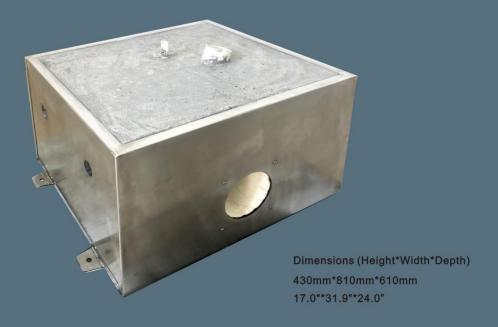
- The unit needs a coin/s input signal to activate
- Built in oil-less air compressor
- Outdoor
- Suit for: Motorcycle, Car, Light Truck

Inflator Specifications

- 1. Auto-start inflation
- 2. Automatic zero drift adjustment
- 3. Remain at last setting
- 4. Audible and visual end of the cycle signal indicators
- 5. Large backlight LCD display
- 6. Vandal resistant mechanical switches
- 7. 1 Nos *12M/39.3ft filling hose
- 8. Locking access door with locks
- 9. Door recessed for extra strength and additional weatherproofing
- 10. The unit needs a coin/s input signal to activate
- 11. Number of coins to activate machine is adjustable
- 12. Amount of time per coin is adjustable
- 13. The coin/s remaining time will be displayed on the lower LCD
- 14. Number of coins put through the machine can be displayed on the lower LCD when turn on the unit
- 15. Built in oil-less air compressor
- 16. Stainless steel cabinet
- 17. Lights: Illuminate the sign on the top of the unit
- 18. Options available:
- Heater: When the ambient temperature lower than 5°C/41°F, the heater should be supplied to the unit to ensure the internal air compressor and inflator keep in normal good working condition
- Bank card reader



Concrete Vault for Tire Inflator







Nitrogen Tyre Inflator

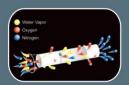
(Indoor)





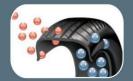


A-1053
Handheld Nitrogen
Analyser













E-1132-LV

Vacuum Nitrogen Generator and Tyre Inflator (Indoor)

Technical Data Summary

Dimensions (Height*Width*Depth)

Net Weight Gross Weight

Packing Size (Height*Width*Depth)

Power Requirement
Power Consumption
Operating Temperature Range

Compressed Air Input Range Compressed Air Input Flow

Nitrogen Purity Nitrogen Output

Maximum Nitrogen Pressure in Tank

Operating Range Resolution

Units of Measurement

1255mm*700mm*435mm

49.4"*27.6"*17.1"

80kg/176.4lbs

97kg/213.9lbs

1380mm*730mm*510mm

54.3"*28.7"*20.1"

100/240Vac 50/60HZ

30VA

0°C/32°F to 50°C/122°F

87-123PSI/6-8.5bar/600-850kPa

500L/min (17.0cfm)

95-99+%

42L/min (1.5cfm) @116PSI/8bar/800kPa

Absorption pressure 109PSI/7.5bar/750kPa

5-90PSI/0.3-7bar/35-620kPa

1PSI/0.1bar/5kPa PSI/bar/kPa

Main feature

- Pump the air from the tyre by the internal vacuum generator before nitrogen inflation *
- Auto-Start Inflation *
- Single Tyre Application
- Suit for: Motorcycle, Car

Specifications

- 1. Generates nitrogen from your compressed air
- 2. Pre-Filter
- 3. 50L/13.2gal (us) internal nitrogen storage tank
- 4. Auto-start inflation
- 5. Remain at last setting
- 6. Audible and visual end of the cycle signal indicators
- 7. LCD display
- 8. 1 Nos.*10M/32.8ft standard hose with single clip-on open tyre chuck
- 9. Nitrogen purity test port
- 10. 1 Nos. Nitrogen Outlet to connect the unit and your tyre inflation gun
- 11. To increase the tyre nitrogen purity, the valve core must be removed manually and allow all the air to escape from the tyre. Before inflate tyre with nitrogen, firstly the unit will pump the residual air from the tyre by the internal vacuum generator then inflate nitrogen to the target tyre pressure







A-1053
Handheld Nitrogen
Analyser













E-1132-N2P

Nitrogen Generator and Conversion System for Single Tyre Application (Indoor)

Technical Data Summary

Dimensions (Height*Width*Depth) 1255mm*720mm*435mm

49.4"*28.3"*17.1"

Net Weight 86kg/189.6lbs Gross Weight 103kg/227.1lbs

Packing Size (Height*Width*Depth) 1380mm*730mm*510mm

54.3"*28.7"*20.1"

Power Requirement 100-240Vac 50/60HZ

Power Consumption 30\

Operating Temperature Range -20°C/-4°F to 70°C/158°F

Compressed Air Input Range 87-123PSI/6-8.5bar/600-850kPa

Compressed Air Input Flow 250L/min (8.0cfm)

Nitrogen Purity 95-99+%

Maximum Nitrogen Pressure in Tank

Operating Range

Units of Measurement

Resolution

Nitrogen Output 42L/min (1.5cfm) @116PSI/8bar/800kPa

Absorption pressure

102PSI/7bar/700kPa

5-90PSI/0.3-6.2bar/35-620kPa

1PSI/0.1bar/5kPa

PSI/bar/kPa

Main feature

- Converts the tyre to Nitrogen at the touch of a button **
- Auto-Start Inflation *
- Over Pressure Setting (OPS)
- Single Tyre Application
- Suit for: Motorcycle, Car

Specifications

- 1. Generates nitrogen from your compressed air
- 2. Pre-Filter
- 3. 50L/13.2gal (us) internal nitrogen storage tank
- 4. Auto-start inflation
- 5. Automatic zero drift adjustment
- 6. Remain at last setting
- 7. Audible and visual end of the cycle signal indicators
- 8. Self-diagnostic features
- 9. Vandal resistant mechanical switches
- 10. Large backlight LCD display
- 11. 1 Nos.*10M/32.8ft standard hose with single clip-on open type chuck
- 12. Comprehensive diagnostics and error reporting
- 13. Nitrogen purge and fill cycle (N2P)
- 14. Nitrogen purity test port
- 15. Adjustable over pressure setting (OPS)
- 16. Adjustable number of cycles
- 17. Adjustable lower purge pressure limit
- 18. Auto Shut-Off
- 19. 1 Nos. Nitrogen Outlet to connect the unit and your tyre inflation gun

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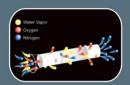
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E-1150-N2P

Nitrogen Generator and Conversion System for 2-4 Tyres Simultaneous Inflation (Indoor)

Technical Data Summary

Dimensions (Height*Width*Depth)

Net Weight Gross Weight

Packing Size (Height*Width*Depth)

Power Requirement
Power Consumption
Operating Temperature Range
Compressed Air Input Range
Compressed Air Input Flow
Nitrogen Purity

Nitrogen Output

Maximum Nitrogen Pressure

Operating Range

Over Pressure Setting Range

Nitrogen Purges Inflator Accuracy Resolution

Units of Measurement

1310mm*720mm*620mm

51.6"*28.3"*24.4"

110kg242.5lbs

135kg/297.7lbs

1450mm*730mm*670mm

57.1"*28.7"*26.4"

100-240Vac 50/60HZ

35VA

-20°C/-4°F to 70°C/158°F

87-123PSI/6-8.5bar/600-850kPa

280L/min (13.0cfm)

95-99+%

72L/min (2.5cfm) @ 116PSI/8bar/800kPa

Absorption pressure 102PSI/7bar/700kPa

5-90PSI/0.3-6.2bar/35-620kPa 0-29PSI/0-2.0bar/0-200kPa

0-9

±1PSI/0.07bar/7kPa 1PSI/0.1bar/5kPa PSI/bar/kPa

Main feature

- Converts up to 2-4 tyres to Nitrogen simultaneously at the touch of a button **
- Save 20% time than single tyre inflation **
- Fully automated, fully programmable, micro-processor controlled conversion system
- Suit for: Motorcycle, Car

Specifications

- 1. Generates nitrogen from your compressed air
- 2. Pre-Filter
- 3. 50L/13.2gal (us) internal nitrogen storage tank
- 4. Auto-start inflation
- 5. Automatic zero drift adjustment
- 6. Remain at last setting
- 7. Audible and visual end of the cycle signal indicators
- 8. Self-diagnostic features
- 9. Vandal resistant mechanical switches
- 10. Large backlight LCD display
- 11. 2 Nos.*8M/26ft standard hoses with single clip-on closed chuck
- 12. Comprehensive diagnostics and error reporting
- 13. Nitrogen purge and fill cycle (N2P)
- 14. Nitrogen purity test port
- 15. Adjustable over pressure setting (OPS)
- 16. Adjustable number of cycles
- 17. Adjustable lower purge pressure limit
- 18. 4 air outlets allow simultaneous inflation of up to 4 tyres
- 19. Auto Shut-Off
- 20. 1Nos Nitrogen Outlet to connect the unit and your tyre inflation gun

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A-1053
Handheld Nitrogen
Analyser













E-1160-4L

Nitrogen Generator and Conversion System Built-in Multi-head inflator for 4 Tyres Simultaneous Inflation (Indoor)

Technical Data Summary

Dimensions (Height*Width*Depth) 1310mm*720mm*620mm

51.6"*28.3"*24.4"

Net Weight 121kg/266.8lbs

Gross Weight 146kg/321.9lbs

Packing Size (Height*Width*Depth) 1450mm*730mm*670mm 57.1"*28.7"*26.4"

Power Requirement 100-240Vac 50/60HZ

Power Consumption 40VA
Operating Temperature Range -20°C/-4°F to 70°C/158°F

Operating Temperature Range -20°C/-4°F to 70°C/158°F
Compressed Air Input Range 87-123PSI/6-8.5bar /600-850kPa
Compressed Air Input Flow 500L/min (17.0cfm)

Nitrogen Purity 95-99+%

Nitrogen Output 93L/min (3.3cfm) @ 116PSI/8bar/800kPa Absorption pressure

Maximum Nitrogen Pressure in Tank 102PSI/7bar/700kPa
Operating Range 5-90PSI/0.3-6.2bar/35-620kPa

Over Pressure Setting Range 0-29PSI/0-2.0bar/0-200kPa
Nitrogen Purges 0-9

Inflator Accuracy ±1PSI/0.07bar/7kPa
Resolution 1PSI/0.1bar/5kPa
Units of Measurement PSI/bar/kPa

Main feature

- Set and inflate different pressure for front and rear tyres simultaneously.
- Individual tyre pressure readout from the four display screens.
- Converts up to 4 tyres to Nitrogen simultaneously at the touch of a button **
- Save 60% time than single tyre inflation **
- $\blacksquare \ \ \mathsf{Fully} \ \mathsf{automated}, \mathsf{fully} \ \mathsf{programmable}, \mathsf{micro-processor} \ \mathsf{controlled} \ \mathsf{conversion} \ \mathsf{system}$
- Suit for: Car, Light Truck.

Specifications

- 1. Generates nitrogen from your compressed air
- 2. Pre-Filter
- 3. 50L/13.2gal (us) internal nitrogen storage tank
- 4. Auto-start inflation
- 5. Automatic zero drift adjustment
- 6. Remain at last setting
- 7. Audible and visual end of the cycle signal indicators
- 8. Self-diagnostic features
- 9. Vandal resistant mechanical switches
- 10. Large backlight LCD display
- 11. 4 Nos.*10M/32.8ft standard hoses with single clip-on chuck
- 12. Comprehensive diagnostics and error reporting
- 13. Nitrogen purge and fill cycle (N2P)
- 14. Nitrogen purity test port
- 15. Adjustable over pressure setting (OPS)
- 16. Adjustable number of cycles
- 17. Adjustable lower purge pressure limit
- 18. 4 air outlets allow simultaneous inflation of up to 4 tyres
- 19. Auto Shut-Of
- 20. 1 Nos. Nitrogen Outlet to connect the unit and your tyre inflation gun







A-1053 Handheld Nitrogen Analyser













E-1165-N2P

High Pressure Nitrogen Generator and Conversion System for 4 Tyres Simultaneous Inflation (Indoor)

Technical Data Summary

Dimensions/Weight

1310mm/51.6" Height Width 730mm/28.7" 620mm/24.4" Depth 150kg/330.7lbs Net Weight Gross Weight 187kg/412.3lbs Packing Size

Height 1450mm/57.1" 730mm/28.7" Width Depth 670mm/26.4"

Power Requirement 100 Vac/240Vac 50/60HZ, **Power Consumption** 70VA -20°C/-4°Fto 70°C/158°F **Operating Temperature Range**

Max Inlet Compressed Air Supply 217PSI/15bar/1500kPa Compressed Air Input Flow 650L/min (39.0cfm) Nitrogen Purity 95-99+%

121L/min (4.2cfm) @ 116PSI/8bar/800kPa Absorption pressure Nitrogen Output Maximum Nitrogen Pressure in Tank 29PSI/2.0bar/200kPa less than the Inlet Compressed Air Supply Maximum Operating Pressure 12PSI/0.8bar/80kPa less than the Nitrogen Pressure in Tank

5PSI/0 3bar/35kPa Minimum Operating Pressure Over Pressure Setting Range 0-29PSI/0-2.0bar/0-200kPa

Nitrogen Purges Inflator Accuracy

±1PSI/0.07bar/7kPa Resolution 1PSI/0.1bar/5kPa Units of Measurement PSI/bar/kPa

Main feature

- 145PSI/10bar High nitrogen pressure make the unit a fit for almost any size automotive service facility **
- Save 60% time than single tyre inflation
- Converts up to 4 tyres to Nitrogen simultaneously at the touch of a button **
- Fully automated, fully programmable, micro-processor controlled conversion system
- Suit for: Motorcycle, Car, Light Truck, Bus

Specifications

- 1. Generates nitrogen from your compressed air
- 3. Internal nitrogen storage tank
- 4. Auto-start inflation
- 5. Automatic zero drift adjustment
- 6. Remain at last setting
- 7. Audible and visual end of the cycle signal indicators
- 8. Self-diagnostic features
- 9. Vandal resistant mechanical switches
- 10. Large backlight LCD display
- 11. 4 Nos.*8M/26ft standard hoses with single clip-on closed chuck
- 12. Comprehensive diagnostics and error reporting
- 13. Nitrogen purge and fill cycle (N2P)
- 14. Nitrogen purity test port
- 15. Adjustable over pressure setting (OPS)
- 16. Adjustable number of cycles
- 17. Adjustable lower purge pressure limit
- 18. 4 air outlets allow simultaneous inflation of up to 4 tyres
- 20. 1Nos. Nitrogen Outlet to connect the unit and your tyre inflation gun

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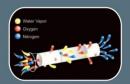
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A-1053 **Handheld Nitrogen Analyser**













E-1170-4L

High Pressure Nitrogen Generator and Conversion System Built-in Multi-head inflator for 4 Tyres Simultaneous Inflation (Indoor)

Technical Data Summary

Dimensions/Weight Main Body Tank 1310mm/51.6" 1100mm/43.3" Height Width 730mm/28.7" 400mm/15.7" Depth 620mm/24.4" 400mm/15.7" 170kg/374.8lbs 38kg/83.8lbs Net Weight **Gross Weight** 207kg/456.4lbs 42kg/92.6lbs Packing Size Main Body Tank 1450mm/57.1" 1180mm/46.5" Height 730mm/28.7" Width 440mm/17.3" 670mm/26 4" 440mm/17 3" Depth Power Requirement 100Vac/240Vac 50/60HZ, Power Consumption **Operating Temperature Range** -20°C/-4°Fto 70°C/158°F Max Inlet Compressed Air Supply 217PSI/15bar/1500kPa Compressed Air Input Flow 1100L/min (39.0cfm) Nitrogen Purity

228L/min (8cfm) @ 116PSI/8bar/800kPa Absorption pressure Nitrogen Output Maximum Nitrogen Pressure in Tank 29PSI/2.0bar/200kPa less than the Inlet Compressed Air Supply Maximum Operating Pressure 12PSI/0.8bar/80kPa less than the Nitrogen Pressure in Tank

Minimum Operating Pressure 5PSI/0 3har/35kPa Over Pressure Setting Range 0-29PSI/0-2.0bar/0-200kPa Nitrogen Purges

±1PSI/0.07bar/7kPa Inflator Accuracy 1PSI/0.1bar/5kPa Resolution Units of Measurement PSI/bar/kPa

Main feature

- Set and inflate different pressure for front and rear tyres simultaneously **
- Individual tyre pressure readout from the four display screens.
- 145PSI/10bar High nitrogen pressure make the unit a fit for almost any size automotive service facility**
- Converts up to 4 tyres to Nitrogen simultaneously at the touch of a button *
- Fully automated, fully programmable, micro-processor controlled conversion system
- Suit for: Car, Light Truck, Bus

Specifications

- 1. Generates nitrogen from your compressed air
- 3. 118L/31.1gal (us) external nitrogen storage tank
- 4. Auto-start inflation
- 5. Automatic zero drift adjustment
- 6. Remain at last setting
- 7. Audible and visual end of the cycle signal indicators
- 8. Self-diagnostic features
- 9. Vandal resistant mechanical switches
- 10. Large backlight LCD display
- 11. 4 Nos.*10M/32.8ft standard hoses with single clip-on chuck
- 12. Comprehensive diagnostics and error reporting
- 13. Nitrogen purge and fill cycle (N2P)
- 14. Nitrogen purity test port
- 15. Adjustable over pressure setting (OPS)
- 16. Adjustable number of cycles
- 17. Adjustable lower purge pressure limit
- 18. 4 air outlets allow simultaneous inflation of up to 4 tyres
- 19. Auto Shut-Off
- 20. 1 Nos. Nitrogen Outlet to connect the unit and your tyre inflation gun
- 118L/31.1gal (us) tank can be customised to 2pcs 14.5L/3.8gal (us) Internal tanks

■ No need tank to inflate 8bar/116PSI/800kPa or below pressure tyre/s

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A-1053 **Handheld Nitrogen Analyser**













E-1175-4L

High Pressure and High Flow Nitrogen Generator and Conversion System Built-in Multi-head inflator (Indoor)

Technical Data Summary

Dimensions/Weight Main Body Tank Height 1310mm/51.6" 1100mm/43.3" 730mm/28.7" 400mm/15.7" Width Depth 1000mm/39.4" 400mm/15.7" Net Weight 323kg/712.5lbs 38kg/83.8lbs Gross Weight 362kg/798.5lbs 42kg/92.6lbs **Packing Size** Main Body 1450mm/57.1" 1180mm/46.5" Height Width 730mm/28.7" 440mm/17.3" Depth 1050mm/42.9" 440mm/17.3" **PowerRequirement** Power Consumption

100Vac/240Vac 50/60HZ 110VA -20°C/-4°Fto 70°C/158°F **Operating Temperature Range** Max Inlet Compressed Air Supply 217PSI/15bar/1500kPa CompressedAir Input Flow 2200L/min(78.0cfm) Nitrogen Purity 95-99+%

508L/min (17.9cfm) @ 116PSI/8bar/800kPa Nitrogen Output Absorption pressure

Maximum Nitrogen Pressure in Tank 29PSI/2bar/200kPa less than the Inlet Compressed Air Supply 16. Adjustable number of cycles Maximum Operating Pressure 12PSI/0.8bar/80kPa less than the Nitrogen Pressure in Tank Minimum Operating Pressure 5PSI/0.3bar/35kPa Over Pressure Setting Range 0-29PSI/0-2.0bar/0-200kPa Nitrogen Purges 0-9

±1PSI/0.07bar/7kPa InflatorAccuracy Resolution 1PSI/0.1bar/5kPa PSI/bar/kPa Units of Measurement

Main feature

- Set and inflate different pressure for front and rear tyres simultaneously.
- Individual tyre pressure readout from the four display screens
- High Output, can inflate a 12.00R22.5 tyre from zero to 120PSI/8.2bar/820kPa in only 2.9 minutes
- Converts up to 4 tyres to Nitrogen simultaneously at the touch of a button **
- Fully automated, fully programmable, micro-processor controlled conversion system
- Suit for: Car, Light Truck, Bus

Specifications

- 1. Generates nitrogen from your compressed air
- 2. Pre-Filter
- 3. 118L/31.1gal (us) external nitrogen storage tank
- 4. Auto-start inflation
- 5. Automatic zero drift adjustment
- 6. Remain at last setting
- 7. Audible and visual end of the cycle signal indicators
- 8. Self-diagnostic features
- 9. Vandal resistant mechanical switches
- 10. Large backlight LCD display
- 11. 4 Nos.*10M/32.8ft standard hoses with single clip-on chuck
- 12. Comprehensive diagnostics and error reporting
- 13. Nitrogen purge and fill cycle (N2P)
- 14. Nitrogen purity test port
- 15. Adjustable over pressure setting (OPS)
- 17. Adjustable lower purge pressure limit
- 18. 6 air outlets allow simultaneous inflation of up to 6 tyres
- 19. Auto Shut-Off
- 20. 1 Nos. Nitrogen Outlet to connect the unit and your tyre inflation gun/your spray gun
- 21. Options available:
- 118L/31.1gal (us) tank can be customised to 2pcs 14.5L/3.8gal (us) Internal tanks
- No need tank to inflate 8bar/116PSI/800kPa or below pressure tyre/s

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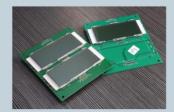
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