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NITROGEN GENERATOR & INFLATOR



PRODUCTS ARE UNDER UPDATING.
OUR COMPANY RESERVES THE FINAL
INTERPRETATION RIGHT FOR THE
CONTENT OF THIS CATALOGUE.



COMPANY INTRODUCTION

HPMM MACHINERY CO., LTD is a leading Chinese Manufacturer with more than 10 years' experiences in researching, developing and manufacturing automotive service equipments, such as Nitrogen generator & inflator machine, Lubrication equipments, Fuel injector diagnosis & cleaning equipments, Air conditioner recovery & recharge equipments.

We have currently located in Guangzhou with a more than 8,000m² working plant (near the Baiyun International Airport).

As one of the fastest growing companies in China Automotive Service Equipment Industry we have established a nation-wide customer base with significant expansion into global markets and have achieved successful business cooperation with customers from more than 40 countries and regions.

We have been honored with ISO-9001 approval by our well-organized in administrative management and production arrangement. Most of our products were under "CE" certificates.

Catching the step of a keep-on-going global market is our consistent desire!

PHOTO GALLERY:



CNC machine



Automatic welding machine



Plate processing machine



Lubrication equipments assemble



Lubrication equipments assemble



Nitrogen generator assemble



Lube machine assemble



Finished production storage

BRIEF INTRODUCTION

HISTORY OF NITROGEN USED IN TYRE INFLATION

According to the statistics from world concerned organization, 46% high speed car driving accident was caused by tyre problems; over-inflation takes its 70% . Using nitrogen to instead of common air will highly reduce the over-inflation accidents. It was already been used on the tyres of aircraft 20 years ago for extending the tyres life and performance. Nowadays nitrogen becomes more and more popular for formula cars, racing cars, saloon cars, heavy duty trucks and also small vehicles, in order to maintain the high speed and heavy duty transportation performance.

PRINCIPLE INTRODUCTION

Traditional medium for tyres inflation was COMPRESSED AIR, which contains oxygen(21%), nitrogen(78%) and some other gases together such as water vapour, helium and other trace gases. Which will cause increase of temperature and pressure in the tyre after a period of high speed driving. Too much temperature and pressure will lower the mechanical and physical capability of tyres.

Nitrogen is a kind of inert gas which has stable chemical and physical speciality. N₂ in tyre will avoid oxidation of tyre and rim, can not be easily affected by the changing of temperature, with only 1/5 noise conductivity in comparison with ordinary air. So that using nitrogen as the gas in tyre will build a more comfortable driving life.

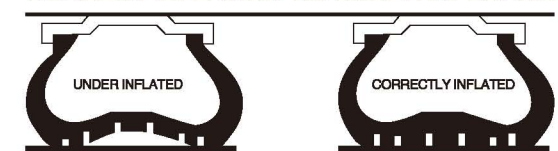
PSA TECHNOLOGY

PSA(Pressure Swing Adsorption) technology for nitrogen generation use special filtration for nitrogen separation. Oil vapour is Eliminated through the filtration, water vapour, helium and oxygen diffuse more quickly than nitrogen, so that leaving nitrogen mainly as the product. The purity of nitrogen generated can ordinarily reach more than 95%.

HOLLOW FIBRE MEMBRANE TECHNOLOGY

Hollow Fibre Membrane technology for nitrogen generation use special filtration for nitrogen separation. Oil vapour is Eliminated through the filtration, water vapour, helium and oxygen diffuse more quickly than nitrogen, so that leaving nitrogen mainly as the product. The purity of nitrogen generated can ordinarily reach more than 95%.

CORRECT INFLATION VS. UNDER INFLATION



Correct inflation is highly significant when considering tire life and performance. It is not always possible to look at a tire and detect under-inflation. However, under-inflation can cause many tire related problems. As inflation pressure largely determines a tire's load capacity, under-inflation results in an overloaded tire. An under-inflated tire operates at high deflection resulting in decreased fuel economy, sluggish handling and may result in excessive mechanical flexing and heat build up leading to catastrophic tire failure.

NITROGEN GENERATOR & INFLATOR

SMEI-AUTOMATIC MODEL

HP-1350

FEATURE

- ※ With independent vacuum generation and N2 inflation device.



SMEI-AUTOMATIC MODEL

HP-1370B/DN

FEATURE

- ※ With independent vacuum generation and N2 inflation device.



TECHNICAL SPECIFICATION

MODEL NUMBER	HP-1350	HP-1370B/DN
SUIT FOR	CAR& LIGHT TRUCK	CAR& LIGHT TRUCK
POWER	220V ± 10%, 50/60HZ	220V ± 10%, 50/60HZ
NITROGEN PURITY	95~99%	95~99%
AIR INLET PRESSURE	9~10KG/CM², 130~145PSI	9~10KG/CM², 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 10KG/CM², 1~1.5M³/MIN	5.5~7.5KW, 10KG/CM², 1~1.5M³/MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM², 85~115PSI	6~8KG/CM², 85~115PSI
OUTPUT CAPACITY	40~50L/MIN, 10~12.5 GALLON/MIN	60~70L/MIN, 15.8~18.5GALLON/MIN
N2 TANK CAPACITY	50L/13.2 GALLON INSIDE	50L/13.2 GALLON INSIDE
STANDARD	2 HOSES+VACCUM GENERATOR & N2 INFLATOR	2 HOSES+VACCUM GENERATOR & N2 INFLATOR
DIMENSION	720*425*1120MM	720*425*1120MM
N.W./G.W.	74/77KGS	84/87KGS

NITROGEN GENERATOR & INFLATOR

FULL AUTOMATIC

HP-1370A/EN

FEATURE

- ※ Larger LED digital display for pressure, time & nitrogen purity.
- ※ Equipped with high precision water/oil filter & separator.
- ※ Equipped with full automatic water/oil filter & separator, it can drain the water out automatically at any time.
- ※ Double-level filtration help prolong the lifetime of main part inside.



FULL AUTOMATIC W/HOSE-REEL

HP-1370A/FN

FEATURE

- ※ Larger LED digital display for pressure, time & nitrogen purity.
- ※ Equipped with full automatic hose-reel.one pipe finish all functions.
- ※ Equipped with high precision water/oil filter & separator.
- ※ Equipped with full automatic water/oil filter & separator, it can drain the water out automatically at any time.
- ※ Double-level filtration help prolong the lifetime of main part inside.



TECHNICAL SPECIFICATION

MODEL NUMBER	HP-1370A/EN	HP-1370A/FN
DISPLAY	LED	LED
SUIT FOR	CAR & LIGHT TRUCK	CAR & LIGHT TRUCK
POWER	220V ± 10%, 50/60HZ	220V ± 10%, 50/60HZ
NITROGEN PURITY	95~99%	95~99%
AIR INLET PRESSURE	9~10KG/CM², 130~145PSI	9~10KG/CM², 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 10KG/CM², 1~1.5M³/MIN	5.5~7.5KW, 10KG/CM², 1~1.5M³/MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM², 85~115PSI	6~8KG/CM², 85~115PSI
OUTPUT CAPACITY	60~70L/MIN, 15.8~18.5GALLON/MIN	60~70L/MIN, 15.8~18.5GALLON/MIN
N2 TANK CAPACITY	50L/13 GALLON INSIDE	50L/13 GALLON INSIDE
STANDARD	AIR PIPE +N2 PIPE	AUTOMATIC HOSE - REEL(10m)
DIMENSION	720*425*1120MM	720*425*1120MM
N.W./G.W.	84/87 KGS	84/87 KGS

NITROGEN GENERATOR & INFLATOR

FULL AUTOMATIC W/HOSE-REEL

HP-1390A/FN

FEATURE

- ※ Larger LED digital display for pressure, time & nitrogen purity.
- ※ Equipped with full automatic hose-reel.one pipe finish all functions.
- ※ Equipped with high precision water/oil filter & separator.
- ※ Equipped with full automatic water/oil filter & separator, it can drain the water out automatically at any time.
- ※ Double-level filtration help prolong the lifetime of main part inside.



TECHNICAL SPECIFICATION

MODEL NUMBER	HP-1390A/FN
DISPLAY	LED
SUIT FOR	CAR & LIGHT TRUCK
POWER	220V ± 10%, 50/60HZ
NITROGEN PURITY	95~99%
AIR INLET PRESSURE	9~10KG/CM², 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW,10KG/CM², 1~1.5M³/MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM², 85~115PSI
OUTPUT CAPACITY	70~80L/MIN,18.5~21GALLON/MIN
N2 TANK CAPACITY	50L/13 GALLON INSIDE
STANDARD	AUTOMATIC HOSE - REEL(10m)
DIMENSION	720*425*1120MM
N.W./G.W.	94/97 KGS

NITROGEN GENERATOR & INFLATOR

FULL AUTOMATIC W/LCD

HP-1390A/LCD

FEATURE

- ※ Larger LCD digital display for pressure, time & nitrogen purity.
- ※ Equipped with full automatic hose-reel, one pipe finish all functions.
- ※ Equipped with high precision water/oil filter & separator.
- ※ Equipped with full automatic water/oil filter & separator, it can drain the water out automatically at any time.
- ※ Double-level filtration help prolong the lifetime of main part inside.
- ※ Equipped with independent backup system for computer.



TECHNICAL SPECIFICATION

MODEL NUMBER	HP-1390A/LCD
DISPLAY	LCD
SUIT FOR	CAR & LIGHT TRUCK
POWER	220V ± 10%, 50/60HZ
NITROGEN PURITY	95~99%
AIR INLET PRESSURE	9~10KG/CM², 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW,10KG/CM², 1~1.5M³/MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM², 85~115PSI
OUTPUT CAPACITY	70~80L/MIN,18.5~21GALLON/MIN
N2 TANK CAPACITY	50L/13 GALLON INSIDE
STANDARD	AUTOMATIC HOSE - REEL(10m)
DIMENSION	720*425*1120MM
N.W./G.W.	94/97 KGS

NITROGEN GENERATOR & INFLATOR

COMMON MODEL

NEW

HP-1650

FEATURE

- ※ With independent vacuum generation and N2 inflation device.



LARGER CAPACITY

NEW

HP-1670B/DN

FEATURE

- ※ With independent vacuum generation and N2 inflation device.



TECHNICAL SPECIFICATION

MODEL NUMBER	HP-1650	HP-1670B/DN
SUIT FOR	CAR& LIGHT TRUCK	CAR& LIGHT TRUCK
POWER	220V ± 10%, 50/60HZ	220V ± 10%, 50/60HZ
NITROGEN GENERATED	THROUGH HIGH QUALITY FILTRATION	THROUGH HIGH QUALITY FILTRATION
NITROGEN PURITY	95~99%	95~99%
AIR INLET PRESSURE	9~10KG/CM ² , 130~145PSI	9~10KG/CM ² , 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 10KG/CM ² , 1~1.5M ³ /MIN	5.5~7.5KW, 10KG/CM ² , 1~1.5M ³ /MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM ² , 85~115PSI	6~8KG/CM ² , 85~115PSI
OUTPUT CAPACITY	40~50L/MIN, 10~12.5 GALLON/MIN	60~70L/MIN, 15.8~18.5GALLON/MIN
N2 TANK CAPACITY	50L/13.2 GALLON INSIDE	70L/18.5 GALLON INSIDE
STANDARD	2 HOSES+VACCUM GENERATOR & N2 INFLATOR	2 HOSES+VACCUM GENERATOR & N2 INFLATOR
OPTIONAL	HIGH PRECISION WATER/OIL VAPOUR FILTER, AUTOMATIC WATER DRAIN-OUT FILTER	HIGH PRECISION WATER/OIL VAPOUR FILTER, AUTOMATIC WATER DRAIN-OUT FILTER
DIMENSION	710*520*1390MM	710*520*1390MM
N.W./G.W.	77/85KGS	103/111KGS

NITROGEN GENERATOR & INFLATOR

FULL AUTOMATIC

NEW

HP-1670A/EN

FEATURE

- ※ Larger LED digital display for pressure, time & nitrogen purity.
- ※ Equipped with high precision water/oil filter & separator.
- ※ Equipped with full automatic water/oil filter & separator, it can drain the water out automatically at any time.
- ※ Double-level filtration help prolong the lifetime of main part inside.



FULL AUTOMATIC W/HOSE-REEL

NEW

HP-1690A/FN

FEATURE

- ※ Larger LED digital display for pressure, time & nitrogen purity.
- ※ Equipped with full automatic hose-reel.one pipe finish all functions.
- ※ Equipped with high precision water/oil filter & separator.
- ※ Equipped with full automatic water/oil filter & separator, it can drain the water out automatically at any time.
- ※ Double-level filtration help prolong the lifetime of main part inside.



TECHNICAL SPECIFICATION

MODEL NUMBER	HP-1670A/EN	HP-1690A/FN
SUIT FOR	CAR & LIGHT TRUCK	CAR & LIGHT TRUCK
POWER	220V ± 10%, 50/60HZ	220V ± 10%, 50/60HZ
NITROGEN GENERATED	THROUGH HIGH QUALITY FILTRATION	THROUGH HIGH QUALITY FILTRATION
NITROGEN PURITY	95~99%	95~99%
AIR INLET PRESSURE	9~10KG/CM ² , 130~145PSI	9~10KG/CM ² , 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 10KG/CM ² , 1~1.5M ³ /MIN	5.5~7.5KW, 10KG/CM ² , 1~1.5M ³ /MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM ² , 85~115PSI	6~8KG/CM ² , 85~115PSI
OUTPUT CAPACITY	60~70L/MIN, 15.8~18.5GALLON/MIN	70~80L/MIN, 18.5~21GALLON/MIN
N2 TANK CAPACITY	70L/18.5 GALLON INSIDE	90L/24 GALLON INSIDE
STANDARD	2 HOSES	AUTOMATIC HOSE-REEL
DIMENSION	710*520*1390MM	710*520*1390MM
N.W./G.W.	105/113KGS	128/136KGS

NITROGEN GENERATOR & INFLATOR

FULL AUTOMATIC W/LCD

NEW

HP-1690A/LCD

FEATURE

- ※ Larger LCD digital display for pressure, time & nitrogen purity.
- ※ Equipped with full automatic hose–reel, one pipe finish all functions.
- ※ Equipped with high precision water/oil filter & separator.
- ※ Equipped with full automatic water/oil filter & separator, it can drain the water out automatically at any time.
- ※ Double–level filtration help prolong the lifetime of main part inside.
- ※ Equipped with independent backup system for computer.



TECHNICAL SPECIFICATION

MODEL NUMBER	HP-1690A/LCD
SUIT FOR	CAR & LIGHT TRUCK
POWER	220V ± 10%, 50/60HZ
NITROGEN GENERATED	THROUGH HIGH QUALITY FILTRATION
NITROGEN PURITY	95~99%
AIR INLET PRESSURE	9~10KG/CM², 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 10KG/CM², 1~1.5M³/MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM², 85~115PSI
OUTPUT CAPACITY	70~80L/MIN, 18.5~21GALLON
N2 TANK CAPACITY	90L/24 GALLON INSIDE
STANDARD	AUTOMATIC HOSE–REEL
DIMENSION	710*520*1390MM
N.W./G.W.	125/133KGS

NITROGEN GENERATOR & INFLATOR

HEAVY PRESSURE FOR HEAVY TRUCK

NEW

HP-S1860

FEATURE

- ※ Heavy duty suit for heavy truck.
- ※ Fast nitrogen generation & inflation speed.
- ※ 200L Nitrogen tank enables enough storage of N2 for rush hours.
- ※ Equipped with high pressure & precision oil/water vapor filter & separator.



TECHNICAL SPECIFICATION

MODEL NUMBER	HP-S1860/100 HP-S1860A/EN-100	HP-S1860/150 HP-S1860A/EN-150	HP-S1860/250 HP-S1860A/EN-250
SUIT FOR	CAR, LIGHT & HEAVY TRUCK	CAR, LIGHT & HEAVY TRUCK	CAR, LIGHT & HEAVY TRUCK
POWER	220V ± 10%, 50/60HZ	220V ± 10%, 50/60HZ	220V ± 10%, 50/60HZ
NITROGEN GENERATED	HIGH QUALITY FILTRATION	HIGH QUALITY FILTRATION	HIGH QUALITY FILTRATION
NITROGEN PURITY	95~99%	95~99%	95~99%
AIR INLET PRESSURE	15KG/CM², 215PSI	15KG/CM², 215PSI	15KG/CM², 215PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 15KG/CM², 1.5M³/MIN	5.5~7.5KW, 15KG/CM², 1.5M³/MIN	5.5~7.5KW, 15KG/CM², 1.5M³/MIN
NITROGEN OUTLET PRESSURE	13KG/CM², 185PSI	13KG/CM², 185PSI	13KG/CM², 185PSI
OUTPUT CAPACITY	100~120 L/MIN, 26.5~30GALLON/MIN	100~170 L/MIN, 35~40 GALLON/MIN	250~300 L/MIN, 60~75 GALLON/MIN
N2 TANK CAPACITY	70L/18.5 GALLON INSIDE, ≈130L/34.5 GALLON OUTSIDE	70L/18.5 GALLON INSIDE, ≈130L/34.5 GALLON OUTSIDE	70L/18.5 GALLON INSIDE, ≈130L/34.5 GALLON OUTSIDE
STANDARD	2 HOSES+VACCUM GENERATOR & N2 INFLATOR	2 HOSES+VACCUM GENERATOR & N2 INFLATOR	2 HOSES+VACCUM GENERATOR & N2 INFLATOR
OPTIONAL	220L/58 GALLON N2 TANK EXTERNAL	220L/58 GALLON N2 TANK EXTERNAL	220L/58 GALLON N2 TANK EXTERNAL
DIMENSION	710*520*1520/430*430*1250MM	710*520*1520/430*430*1250MM	710*520*1520/430*430*1250MM
N.W./G.W.	147/155KGS	200/220KGS	300/320KGS

HEAVY PRESSURE FOR HEAVY TRUCK
FULL AUTOMATIC W/LCD

NEW

HP-S1860A/EN

FEATURE

- ※ Heavy duty suit for heavy truck.
- ※ Fast nitrogen generation & inflation speed.
- ※ 200L Nitrogen tank enables enough storage of N2 for rush hours.
- ※ Equipped with high pressure & precision oil/water vapor filter & separator.



FULL AUTOMATIC W/LCD

NEW

HP-2670A/EN



FULL AUTOMATIC W/LCD & HOSE REEL

NEW

HP-2670A/FN



FEATURE

- ※ Larger LCD digital display
- ※ Automatically test and control with an upgraded computer board
- ※ Equipped with high precision water/oil filter & separator
- ※ Equipped with full automatic water/oil filter & separator
- ※ Double-level filtration help prolong the lifetime of main part inside
- ※ Equipped with metal button prolong the lifetime of the keyboard
- ※ Equipped with independent backup system for computer

New Function Introduction

- 1.3 units for Bar, PSI, KGF
- 2.STD Mode: standard mode for pressure set-up and N2 inflation.
- 3.OPS Mode: Over-Pressure inflation function, pressure set-up from 0- 1.5kgs more than required tyre pressure.
- 4.N2P Mode: Air purge function for nitrogen inflation & air purge in order to increase the higher purity of nitrogen inside of tyre. Purge cycle from 0-10 times for choice.
- 5.OPS+N2P: over pressure system plus nitrogen inflation & air purge system.
- 6.MAN: Manual operation mode.
- 7.Air inflation and Nitrogen inflation converse function.
- 8.Equipped with nitrogen purity adjust valve(flow-rate valve) near the computer board.
- 9.Automatic alarm system for any error with indicator Shining at the same time.

TECHNICAL SPECIFICATION

MODEL NUMBER	HP-2670A/EN	HP-2670A/FN
SUIT FOR:	CAR & LIGHT TRUCK	CAR & LIGHT TRUCK
POWER:	220V ± 10%,50/60HZ	220V ± 10%,50/60HZ
NITROGEN GENERATED:	THROUGH HIGH QUALITY FILTRATION	THROUGH HIGH QUALITY FILTRATION
NITROGEN PURITY:	95~99%	95~99%
AIR INLET PRESSURE:	9~10KG/CM ² ;130~145PSI	9~10KG/CM ² ;130~145PSI
AIR COMPRESSOR REQUIRED:	5.5~7.5KW,10KG/CM ² , 1~1.5M ³ /MIN	5.5~7.5KW,10KG/CM ² , 1~1.5M ³ /MIN
NITROGEN OUTLET PRESSURE:	6~8KG/CM ² ;85~115PSI	6~8KG/CM ² ;85~115PSI
N2 OUTPUT CAPACITY:	60~70L/MIN;15.8~18.5GALLON/MIN	60~70L/MIN;15.8~18.5GALLON/MIN
N2 TANK CAPACITY:	70L/18.5GALLON INSIDE	70L/18.5GALLON INSIDE
STANDARD ACCESSORIES:	2PCS OF 10M INFLATING HOSES	PC OF 10M AUTOMATIC HOSE-REEL
DIMENSION:	710X520X1390 MM	710X520X1390MM
N.W./G.W.	105/111KGS	108/114KGS

NITROGEN GENERATOR & INFLATOR

FULL AUTOMATIC W/LCD ,4 TIRES INFLATION SIMULTANEOUSLY

NEW

HP-2690A/4EN



New Function Introduction

- 1.3 units for Bar, PSI, KGF
- 2.STD Mode: standard mode for pressure set-up and N2 inflation.
- 3.OPS Mode: Over-Pressure inflation function, pressure set-up from 0- 1.5kgs more than required tyre pressure.
- 4.N2P Mode: Air purge function for nitrogen inflation & air purge in order to increase the higher purity of nitrogen inside of tyre. Purge cycle from 0-10 times for choice.
- 5.OPS+N2P: over pressure system plus nitrogen inflation & air purge system.
- 6.MAN: Manual operation mode.
- 7.Air inflation and Nitrogen inflation converse function.
- 8.Equipped with nitrogen purity adjust valve(flow-rate valve) near the computer board.
- 9.Automatic alarm system for any error with indicator Shining at the same time.

FEATURE

- ※ Larger LCD digital display
- ※ Automatically test and control with an upgraded computer board
- ※ Equipped with 4pcs of inflating hose, it makes the machine allow simultaneous inflation up to 4 tires
- ※ Equipped with high precision water/oil filter & separator
- ※ Equipped with full automatic water/oil filter & separator
- ※ Double-level filtration help prolong the lifetime of main part inside
- ※ Equipped with metal button prolong the lifetime of the keyboard
- ※ Equipped with independent backup system for computer

TECHNICAL SPECIFICATION

MODEL NUMBER	HP-2690A/4EN
SUIT FOR	CAR & LIGHT TRUCK
POWER	220V ± 10%,50/60HZ
NITROGEN GENERATED	THROUGH HIGH QUALITY FILTRATION
NITROGEN PURITY	95~99%
AIR INLET PRESSURE	9~10KG/CM ² ;130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW,10KG/CM ² , 1~1.5M ³ /MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM ² ;85~115PSI
N2 OUTPUT CAPACITY	70~80L/MIN;18.5~21GALLON/MIN
N2 TANK CAPACITY	90L/24GALLON INSIDE
STANDARD ACCESSORIES	4PCS OF 10M INFLATING HOSES
DIMENSION	710X520X1390MM
N.W./G.W.	126/132KGS



NITROGEN GENERATOR & INFLATOR

FULL AUTOMATIC W/LCD & 4 HOSE-REEL FOR 4 TIRES INFLATION SIMULTANEOUSLY

NEW

HP-2690A/4FN



New Function Introduction

- 1.3 units for Bar, PSI, KGF
- 2.STD Mode: standard mode for pressure set-up and N2 inflation.
- 3.OPS Mode: Over-Pressure inflation function, pressure set-up from 0- 1.5kgs more than required tyre pressure.
- 4.N2P Mode: Air purge function for nitrogen inflation & air purge in order to increase the higher purity of nitrogen inside of tyre. Purge cycle from 0-10 times for choice.
- 5.OPS+N2P: over pressure system plus nitrogen inflation & air purge system.
- 6.MAN: Manual operation mode.
- 7.Air inflation and Nitrogen inflation converse function.
- 8.Equipped with nitrogen purity adjust valve(flow-rate valve) near the computer board.
- 9.Automatic alarm system for any error with indicator Shining at the same time.



FEATURE

- ※ LargerLCD digital display
- ※ Automatically test and control with an upgraded computer board
- ※ Equipped with 4pcs automatic hose-reel, it makes the machine allow simultaneous inflation of up to 4 tires
- ※ Equipped with high precision water/oil filter & separator
- ※ Equipped with full automatic water/oil filter & separator
- ※ Double-level filtration help prolong the lifetime of main part inside
- ※ Equipped with metal button prolong the lifetime of the keyboard
- ※ Equipped with independent backup system for computer

TECHNICAL SPECIFICATION

MODEL NUMBER	HP-2690A/4FN
SUIT FOR	CAR & LIGHT TRUCK
POWER	220V ± 10%,50/60HZ
NITROGEN GENERATED	THROUGH HIGH QUALITY FILTRATION
NITROGEN PURITY	95~99%
AIR INLET PRESSURE	9~10KG/CM ² ;130~145PSI
AIRCOMPRESSORREQUIRED	5.5~7.5KW, 10KG/CM ² , 1~1.5M ³ /MIN
NITROGENOUTLET PRESSURE	6~8KG/CM ² ;85~115PSI
N2 OUTPUT CAPACITY	70~80L/MIN;18.5~21GALLON/MIN
N2 TANK CAPACITY	90L/24GALLON INSIDE
STANDARD ACCESSORIES	4PCS OF 10M AUTOMATIC HOSE-REEL
DIMENSION	710X520X1390 MM
N.W./G.W.	137/143KGS

NITROGEN GENERATOR & INFLATOR

FULL AUTOMATIC W/LCD & 4 HOSE-REEL FOR 4 TIRES INFLATION SIMULTANEOUSLY

INFLATE FRONT TWO WHEELS & REAR TWO WHEELS WITH DIFFERENT INFLATION PRESSARE AT ONE TIME

NEW

HP-3690A/4FN



New Function Introduction

- 1.3 units for Bar, PSI, KGF
- 2.STD Mode: standard mode for pressure set-up and N2 inflation.
- 3.OPS Mode: Over-Pressure inflation function, pressure set-up from 0- 1.5kgs more than required tyre pressure.
- 4.N2P Mode: Air purge function for nitrogen inflation & air purge in order to increase the higher purity of nitrogen inside of tyre. Purge cycle from 0-10 times for choice.
- 5.OPS+N2P: over pressure system plus nitrogen inflation & air purge system.
- 6.MAN: Manual operation mode.
- 7.Air inflation and Nitrogen inflation converse function.
- 8.Equipped with nitrogen purity adjust valve(flow-rate valve) near the computer board.
- 9.Automatic alarm system for any error with indicator Shining at the same time.



FEATURE

- ※ LargerLCD digital display
- ※ Automatically test and control with an upgraded computer board
- ※ Equipped with 4pcs automatic hose-reel, it makes the machine allow simultaneous inflation of up to 4 tires
- ※ Equipped with high precision water/oil filter & separator
- ※ Equipped with full automatic water/oil filter & separator
- ※ Double-level filtration help prolong the lifetime of main part inside
- ※ Equipped with metal button prolong the lifetime of the keyboard
- ※ Equipped with independent backup system for computer

TECHNICAL SPECIFICATION

MODEL NUMBER	HP-3690A/4FN
SUIT FOR	CAR & LIGHT TRUCK
POWER	220V ± 10%,50/60HZ
NITROGEN GENERATED	THROUGH HIGH QUALITY FILTRATION
NITROGEN PURITY	95~99%
AIR INLET PRESSURE	9~10KG/CM ² ;130~145PSI
AIRCOMPRESSORREQUIRED	5.5~7.5KW, 10KG/CM ² , 1~1.5M ³ /MIN
NITROGENOUTLET PRESSURE	6~8KG/CM ² ;85~115PSI
N2 OUTPUT CAPACITY	70~80L/MIN;18.5~21GALLON/MIN
N2 TANK CAPACITY	90L/24GALLON INSIDE
STANDARD ACCESSORIES	4PCS OF 10M AUTOMATIC HOSE-REEL
DIMENSION	710X520X1390 MM
N.W./G.W.	137/143KGS

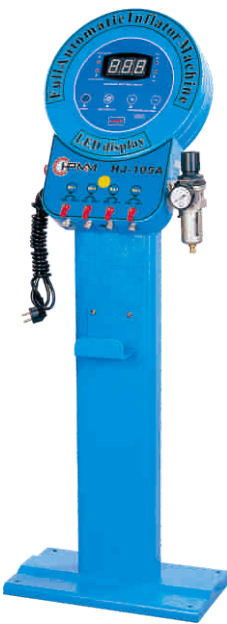
Full Automatic Tire Inflator (For Air)



HJ-101A

FEATURE

- ※ LED display



HJ-105A

FEATURE

- ※ 4 Tyres inflation simultaneously
- ※ LED display



HJ-101B

FEATURE

- ※ LED display, wall mounted



HJ-105B

FEATURE

- ※ 4 Tyres inflation simultaneously
- ※ LED display, wall mounted

TECHNICAL DATA

MODEL NUMBER	HJ-101A	HJ-101B	HJ-105A	HJ-105B
Power & Voltage	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE
Air Inlet Pressure	2 ~ 8BAR	2 ~ 8BAR	2 ~ 8BAR	2 ~ 8BAR
Air Inflation Pressure Range	1 ~ 7BAR	1 ~ 7BAR	1 ~ 7BAR	1 ~ 7BAR
Pressure Precision	0.1BAR	0.1BAR	0.1BAR	0.1BAR
Inflation Speed	250L/MIN	250L/MIN	250L/MIN	250L/MIN
Air Hose	1*10M	1*10M	4*10M	4*10M

Full Automatic Tire Inflator (For Air)



HJ-201A

FEATURE

- ※ LCD Display



HJ-205A

FEATURE

- ※ 4 Tyres inflation simultaneously
- ※ LCD Display



HJ-201B

FEATURE

- ※ LCD display, wall mounted



HJ-205B

FEATURE

- ※ 4 Tyres inflation simultaneously
- ※ LCD Display, wall mounted

TECHNICAL DATA

MODEL NUMBER	HJ-201A	HJ-201B	HJ-205A	HJ-205B
Power & Voltage	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE
Air Inlet Pressure	2 ~ 8BAR	2 ~ 8BAR	2 ~ 8BAR	2 ~ 8BAR
Air Inflation Pressure Range	1 ~ 7BAR	1 ~ 7BAR	1 ~ 7BAR	1 ~ 7BAR
Pressure Precision	0.1BAR	0.1BAR	0.1BAR	0.1BAR
Inflation Speed	250L/MIN	250L/MIN	250L/MIN	250L/MIN
Air Hose	1*10M	1*10M	4*10M	4*10M

Full Automatic Tire Inflator (For Air)



HJ-301A

FEATURE

- ※ Over-inflation function
- ※ Larger LCD digital display



HJ-301B

FEATURE

- ※ Over-inflation function
- ※ Larger LCD digital display, wall mounted



Tank not included

HJ-301YD

FEATURE

- ※ Over-inflation function
- ※ Larger LCD digital display
- ※ Special design for standard gas cylinder back



HJ-305A

FEATURE

- ※ Over-inflation function
- ※ 4 Tyres inflation simultaneously
- ※ Larger LCD digital display



HJ-305B

FEATURE

- ※ Over-inflation function
- ※ 4 Tyres inflation simultaneously
- ※ Larger LCD digital display, wall mounted



Tank not included

HJ-305YD

FEATURE

- ※ Over-inflation function
- ※ 4 Tyres inflation simultaneously
- ※ Larger LCD digital display
- ※ Special design for standard gas cylinder back

TECHNICAL DATA

MODEL NUMBER	HJ-301A/301B	HJ-301YD	HJ-305A/305B	HJ-305YD
Power & Voltage	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE
Air Inlet Pressure	2 ~ 8BAR	2 ~ 8BAR	2 ~ 8BAR	2 ~ 8BAR
Air Inflation Pressure Range	1 ~ 7BAR	1 ~ 7BAR	1 ~ 7BAR	1 ~ 7BAR
Pressure Precision	0.1BAR	0.1BAR	0.1BAR	0.1BAR
Inflation Speed	250L/MIN	250L/MIN	250L/MIN	250L/MIN
Air Hose	1*10M	1*10M	4*10M	4*10M

Full Automatic Tire Inflator (For Air)



HJ-501B

FEATURE

- ※ LED Display, wall mounted



HJ-701B

FEATURE

- ※ LED display, wall mounted
- ※ High Pressure for Truck

TECHNICAL DATA

MODEL NUMBER	HJ-501B	HJ-601B	HJ-701B	HJ-801B
Power & Voltage	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE
Air Inlet Pressure	2 ~ 8BAR	2 ~ 8BAR	2 ~ 13BAR	2 ~ 13BAR
Air Inflation Pressure Range	1 ~ 7BAR	1 ~ 7BAR	1 ~ 12BAR	1 ~ 12BAR
Pressure Precision	0.1BAR	0.1BAR	0.1BAR	0.1BAR
Inflation Speed	250L/MIN	250L/MIN	250L/MIN	250L/MIN
Air Hose	1*10M	1*10M	1*10M	1*10M



HJ-601B

FEATURE

- ※ LCD Display, wall mounted



HJ-801B

FEATURE

- ※ LCD display, wall mounted
- ※ High Pressure for Truck

FUEL INJECTOR TESTER & CLEANER

HP-4A

With integrated ultrasonic bath

Product Name	Fuel Injector Diagnosis & Cleaning Equipment
Power Supply:	AC220V ± 10, 50/60Hz ± 0.5
Environment Temperature:	10~40℃
Relative Humidity:	< 85%
Environmental Magnetic Intensity:	< 400A/M
Ultrasonic Power:	100W
Injector Operating Frequency(RPM):	0~10,000 rpm, variable in 50rpm
Injector Pulse:	0~10,000pulses; variable in 50 pulses
Spray Time:	0~10Min.
Pulse Width(PMW):	0~20 ms in 0.1ms increments
System Pressure:	0~0.5MPA
Cylinder Volume:	120ml
Dimension:L*W*H(mm):	500*390*520



FUEL INJECTOR TESTER & CLEANER

HP-6A

With integrated ultrasonic bath

Product Name	Fuel Injector Diagnosis & Cleaning Equipment
Power Supply:	AC220V ± 10, 50/60Hz ± 0.5
Environment Temperature:	10~40℃
Relative Humidity:	< 85%
Environmental Magnetic Intensity:	< 400A/M
Ultrasonic Power:	100W
Injector Operating Frequency(RPM):	0~10,000 rpm, variable in 50rpm
Injector Pulse:	0~10,000pulses; variable in 50 pulses
Spray Time:	0~10Min.
Pulse Width(PMW):	0~20 ms in 0.1ms increments
System Pressure:	0~0.5MPA
Cylinder Volume:	120ml
Dimension:L*W*H(mm):	500*390*520



HP-4B

With separated ultrasonic bath

Product Name	Fuel Injector Diagnosis & Cleaning Equipment
Power Supply:	AC220V ± 10, 50/60Hz ± 0.5
Environment Temperature:	10~40℃
Relative Humidity:	X < 85%
Environmental Magnetic Intensity:	< 400A/M
Ultrasonic Power:	150W
Injector Operating Frequency(RPM):	0~10,000 rpm, variable in 50rpm
Injector Pulse:	0~10,000pulses; variable in 50 pulses
Spray Time:	0~10Min.
Pulse Width(PMW):	0~20 ms in 0.1ms increments
System Pressure:	0~0.5MPA
Cylinder Volume:	120ml
Dimension:L*W*H(mm):	520*390*530



Standard Accessory

HP-6B

With separated ultrasonic bath

Product Name	Fuel Injector Diagnosis & Cleaning Equipment
Power Supply:	AC220V ± 10, 50/60Hz ± 0.5
Environment Temperature:	10~40℃
Relative Humidity:	< 85%
Environmental Magnetic Intensity:	< 400A/M
Ultrasonic Power:	150W
Injector Operating Frequency(RPM):	0~10,000 rpm, variable in 50rpm
Injector Pulse:	0~10,000pulses; variable in 50 pulses
Spray Time:	0~10Min.
Pulse Width(PMW):	0~20 ms in 0.1ms increments
System Pressure:	0~0.5MPA
Cylinder Volume:	120ml
Dimension:L*W*H(mm):	520*390*530



Standard Accessory

FUEL INJECTOR TESTER & CLEANER

HP-8A

With integrated ultrasonic bath

Product Name	Fuel Injector Diagnosis & Cleaning Equipment
Power Supply:	AC220V ± 10, 50/60Hz ± 0.5
Environment Temperature:	10~40℃
Relative Humidity:	< 85%
Environmental Magnetic Intensity:	< 400A/M
Ultrasonic Power:	100W
Injector Operating Frequency(RPM):	0~10,000 rpm, variable in 50rpm
Injector Pulse:	0~10,000pulses; variable in 50 pulses
Spray Time:	0~10Min.
Pulse Width(PMW):	0~20 ms in 0.1ms increments
System Pressure:	0~0.5MPA
Cylinder Volume:	120ml
Dimension:L*W*H(mm):	500*450*520



HP-8B

With separated ultrasonic bath

Product Name	Fuel Injector Diagnosis & Cleaning Equipment
Power Supply:	AC220V ± 10, 50/60Hz ± 0.5
Environment Temperature:	10~40℃
Relative Humidity:	< 85%
Environmental Magnetic Intensity:	< 400A/M
Ultrasonic Power:	150W
Injector Operating Frequency(RPM):	0~10,000 rpm, variable in 50rpm
Injector Pulse:	0~10,000pulses; variable in 50 pulses
Spray Time:	0~10Min.
Pulse Width(PMW):	0~20 ms in 0.1ms increments
System Pressure:	0~0.5MPA
Cylinder Volume:	120ml
Dimension:L*W*H(mm):	520*450*530



Standard Accessory

FUEL INJECTOR TESTER & CLEANER

HP-7

FEATURE

- ※ With integrated ultrasonic bath
- ※ Adjust oil pressure electronically
- ※ 9 button control all functions
- ※ LED display with computerized controlling system
- ※ SIMENS oil pump with high & stable performance



HP-7(Without stand)



HP-7

HP-7C HP-7E

FEATURE

- ※ With separated ultrasonic bath
- ※ Adjust oil pressure electronically
- ※ SIMENS oil pump with high & stable performance
- ※ LCD display with computerized controlling system, one pole control all function
- ※ HP-7C With integrated ultrasonic bath
- ※ HP-7E With separated ultrasonic bath



HP-7C



HP-7E

TECHNICAL DATA

MODEL NUMBER	HP-7	HP-7C	HP-7E
POWER SUPPLY	AC220V ± 10,50/60HZ ± 0.5	AC220V ± 10,50/60HZ ± 0.5	AC220V ± 10,50/60HZ ± 0.5
ENVIRONMENT TEMPERATURE	10 ~ 40℃	10 ~ 40℃	10 ~ 40℃
RELATIVE HUMIDITY	< 85%	< 85%	< 85%
ENVIRONMENTAL MAGNETIC INTENSITY	< 400A/M	< 400A/M	< 400A/M
ULTRASONIC POWER	70W	70W	70W
INJECTOR OPERATING FREQUENCY (RPM)	0~7,500RPM, VARIABLE IN 50RPM	0~7,500RPM, VARIABLE IN 50RPM	0~7,500RPM, VARIABLE IN 50RPM
INJECTION PULSE	0~9,900PULSES; VARIABLE IN 100PULSES	0~9,900PULSES; VARIABLE IN 100PULSES	0~9,900PULSES; VARIABLE IN 100PULSES
SPRAY TIME	0~10MIN	0~10MIN	0~10MIN
PULSE WIDTH (PMW)	0~20MS IN 0.1MS INCREMENTS	0~20MS IN 0.1MS INCREMENTS	0~20MS IN 0.1MS INCREMENTS
SYSTEM PRESSURE	0~0.5MPA	0~0.5MPA	0~0.5MPA
CYLINDER VOLUME	140ML	140ML	140ML
DIMENSION: L*W*H(MM)	580*540*520/450*420*730	580*540*520/450*420*730	580*540*520/450*420*730
NET WEIGHT (KG)	60	60	60