

# 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 8,000m<sup>2</sup> 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!



**MOST OF OUR PRODUCTS ARE WITH  
CE CERTIFICATE**



# PHOTO GALLERY:



CNC machine



Automatic welding machine



Plate processing machine



Lubrication equipments assemble



Lubrication equipments assemble



Lubrication equipments assemble



Nitrogen generator assemble



Lube machine assemble



Finished production storage



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**NITROGEN GENERATOR & INFLATOR**

# 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

Traditonal 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.

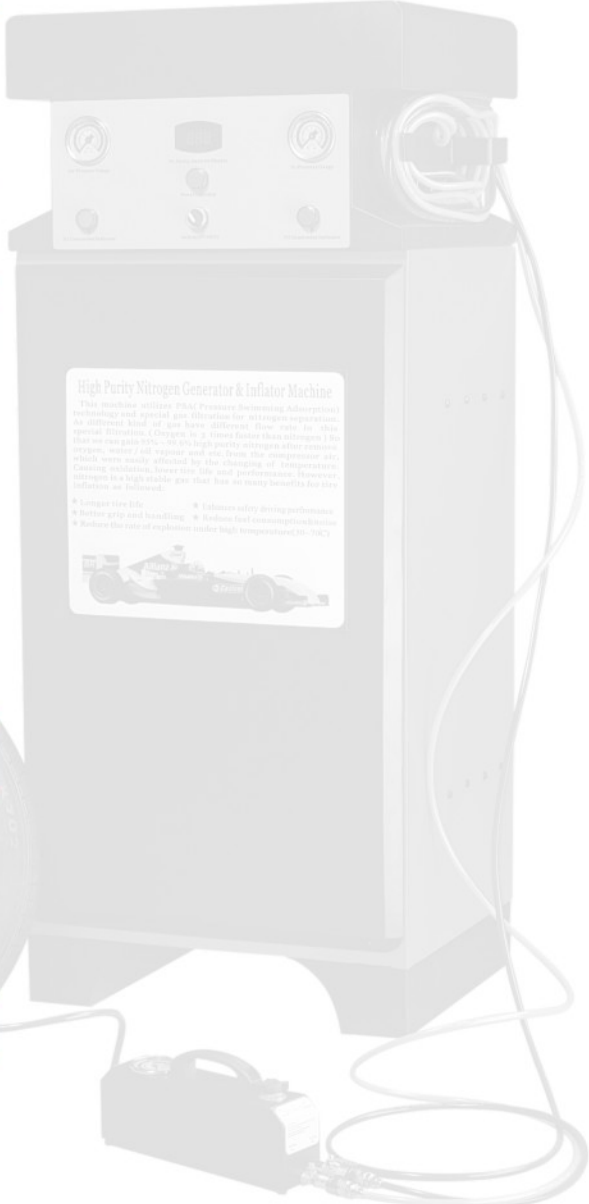
Nitrogen is a king of inert gas which has stable chemical and physical speciality. N2 in tyre will avoid oxidation of tyre and rim, can not be easily affected by the changing of temperature, with only1/5 noise conductivity in comparison with ordinary air. So that using nitrogen as the gas in tyre will build a more comfortable driving life.

## PSA TECHNOLOGY

PSA(Pressure Swimming 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 Fire Membrane technology for nitrogen generation use specialfiltration 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



### THIN DESIGN, WALL MOUNTED

## HN-630B

#### TECHNICAL SPECIFICATION

MODEL NUMBER	HN-630B
SUIT FOR	CAR
POWER	220V ± 10%, 50/60HZ
NITROGEN GENERATED	THROUGH HIGH QUALITY FILTRATION
NITROGEN PURITY	95-99%
AIR INLET PRESSURE	9-10KG/CM <sup>2</sup> , 130-145PSI
AIR COMPRESSOR REQUIRED	5.5-7.5KW, 10KG/CM <sup>2</sup> , 1-1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	6-8KG/CM <sup>2</sup> , 85-115PSI
OUTPUT CAPACITY	50-60L/MIN, 13-15 GALLON/MIN,
N2 TANK CAPACITY	130L/34 GALLON OUTSIDE (OPTIONAL)
STANDARD	2 HOSES+VACCUM GENERATOR & N2 INFLATOR
DIMENSION	530*230*1170MM
N.W./G.W.	48/50KGS



### SMART DESIGN, CARS SPECIAL

## HN-650S

#### TECHNICAL SPECIFICATION

MODEL NUMBER	HN-650S
SUIT FOR	CAR
POWER	220V ± 10%, 50/60HZ
NITROGEN GENERATED	THROUGH HIGH QUALITY FILTRATION
NITROGEN PURITY	95-99%
AIR INLET PRESSURE	9-10KG/CM <sup>2</sup> , 130-145PSI
AIR COMPRESSOR REQUIRED	5.5-7.5KW, 10KG/CM <sup>2</sup> , 1-1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	6-8KG/CM <sup>2</sup> , 85-115PSI
OUTPUT CAPACITY	50-60L/MIN, 13-15 GALLON/MIN,
N2 TANK CAPACITY	50L/13 GALLON INSIDE
STANDARD	2 HOSES+VACCUM GENERATOR & N2 INFLATOR
DIMENSION	700*400*1070MM
N.W./G.W.	80/83KG

# NITROGEN GENERATOR & INFLATOR

## COMMON MODEL

NEW

**HP-1650**

### FEATURE

※ With independent vacuum generation and N2 inflation device.

### TECHNICAL SPECIFICATION

MODEL NUMBER	HP-1650
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 <sup>2</sup> , 130-145PSI
AIR COMPRESSOR REQUIRED	5.5-7.5KW, 10KG/CM <sup>2</sup> , 1~1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	6-8KG/CM <sup>2</sup> , 85-115PSI
OUTPUT CAPACITY	40-50L/MIN, 10-12.5 GALLON/MIN
N2 TANK CAPACITY	50L/13.2 GALLON INSIDE
STANDARD	2 HOSES+VACCUM GENERATOR & N2 INFLATOR
OPTIONAL	HIGH PRECISION WATER/OIL VAPOUR FILTER, AUTOMATIC WATER DRAIN-OUT FILTER
DIMENSION	710*520*1390MM
N.W./G.W.	77/85KGS

### LARGER CAPACITY

NEW

**HP-1670B/DN**

### FEATURE

※ With independent vacuum generation and N2 inflation device.

### TECHNICAL SPECIFICATION

MODEL NUMBER	HP-1670B/DN
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 <sup>2</sup> , 130-145PSI
AIR COMPRESSOR REQUIRED	5.5-7.5KW, 10KG/CM <sup>2</sup> , 1~1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	6-8KG/CM <sup>2</sup> , 85-115PSI
OUTPUT CAPACITY	60-70L/MIN, 15.8-18.5GALLON/MIN
N2 TANK CAPACITY	70L/18.5 GALLON INSIDE
STANDARD	2 HOSES+VACCUM GENERATOR & N2 INFLATOR
OPTIONAL	HIGH PRECISION WATER/OIL VAPOUR FILTER, AUTOMATIC WATER DRAIN-OUT FILTER
DIMENSION	710*520*1390MM
N.W./G.W.	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.

### TECHNICAL SPECIFICATION

MODEL NUMBER	HP-1670A/EN
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 <sup>2</sup> , 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 10KG/CM <sup>2</sup> , 1~1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM <sup>2</sup> , 85~115PSI
OUTPUT CAPACITY	60~70L/MIN, 15.8~18.5GALLON/MIN
N2 TANK CAPACITY	70L/18.5 GALLON INSIDE
STANDARD	2 HOSES
DIMENSION	710*520*1390MM
N.W./G.W.	105/113KGS



## 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-1690A/FN
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 <sup>2</sup> , 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 10KG/CM <sup>2</sup> , 1~1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM <sup>2</sup> , 85~115PSI
OUTPUT CAPACITY	70~80L/MIN, 18.5~21GALLON/MIN
N2 TANK CAPACITY	90L/24 GALLON INSIDE
STANDARD	AUTOMATIC HOSE-REEL
DIMENSION	710*520*1390MM
N.W./G.W.	128/136KGS





# NITROGEN GENERATOR & INFLATOR

**FULL AUTOMATIC** (SPECIALLY FOR MOTORCYCLE & CATS )

NEW **HP-1670A/MO**



## FEATURE

- ※ Motorcycle button specially for motorcycle tyres.
- ※ 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.
- ※ Equipped with independent backup system for computer.

## TECHNICAL SPECIFICATION

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

# 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/CM <sup>2</sup> , 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 10KG/CM <sup>2</sup> , 1~1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM <sup>2</sup> , 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



NEW SERIES WITH OVER PRESSURE INFLATION  
FUNCTION,NO NEED TO VACUUM TYRE

## FULL AUTOMATIC W/LCD

NEW

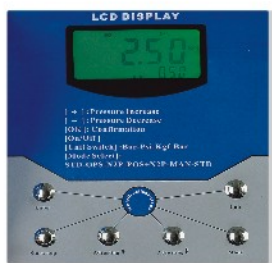
HP-2670A/EN



## 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

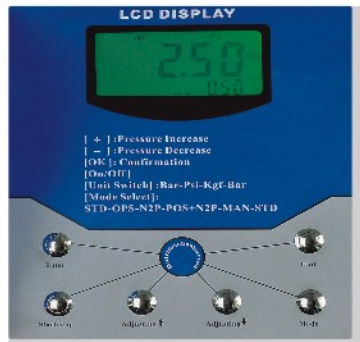
MODEL NUMBER	HP-2670A/EN	HP-2670A/FN
SUIT FOR:	CAR & LIGHT TRUCK	CAR & LIGHT TRUCK
POWER:	220V ± 10%, 50/60HZ	220V ± 10%, 50/60HZ
NITROGEN GENERATED:	THROUGH HIGH QUALITY FILTRATION	THROUGH HIGH QUALITY FILTRATION
NITROGEN PURITY:	95~99%	95~99%
AIR INLET PRESSURE:	9~10KG/CM <sup>2</sup> ; 130~145PSI	9~10KG/CM <sup>2</sup> ; 130~145PSI
AIR COMPRESSOR REQUIRED:	5.5~7.5KW, 10KG/CM <sup>2</sup> , 1~1.5M <sup>3</sup> /MIN	5.5~7.5KW, 10KG/CM <sup>2</sup> , 1~1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE:	6~8KG/CM <sup>2</sup> ; 85~115PSI	6~8KG/CM <sup>2</sup> ; 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 <sup>2</sup> ; 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 10KG/CM <sup>2</sup> , 1~1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM <sup>2</sup> ; 85~115PSI
N2 OUTPUT CAPACITY	70~80L/MIN; 18.5~21 GALLON/MIN
N2 TANK CAPACITY	90L/24 GALLON 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

- ※ Larger LCD 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 <sup>2</sup> ;130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW,10KG/CM <sup>2</sup> , 1~1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM <sup>2</sup> ;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 PRESSURE AT ONE TIME**

NEW

**HP-2690A/4FN/FR**



**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 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/FR
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 <sup>2</sup> ; 130~145PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 10KG/CM <sup>2</sup> , 1~1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	6~8KG/CM <sup>2</sup> ; 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



HEAVY DUTY NITROGEN GENERATOR  
WITH HIGH FLOW RATE



# 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 N<sub>2</sub> for rush hours.
- ※ Equipped with high pressure & precision oil/water vapor filter & separator.



### TECHNICAL SPECIFICATION

MODEL NUMBER	HP-S1860/100	HP-S1860/150	HP-S1860/250
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/CM <sup>2</sup> , 215PSI	15KG/CM <sup>2</sup> , 215PSI	15KG/CM <sup>2</sup> , 215PSI
AIR COMPRESSOR REQUIRED	5.5~7.5KW, 15KG/CM <sup>2</sup> , 1.5M <sup>3</sup> /MIN	5.5~7.5KW, 15KG/CM <sup>2</sup> , 1.5M <sup>3</sup> /MIN	5.5~7.5KW, 15KG/CM <sup>2</sup> , 1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	13KG/CM <sup>2</sup> , 185PSI	13KG/CM <sup>2</sup> , 185PSI	13KG/CM <sup>2</sup> , 185PSI
OUTPUT CAPACITY	100-120 L/MIN, 26.5-30 GALLON/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

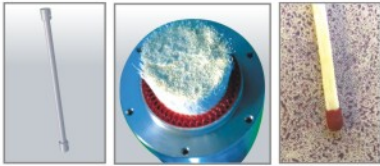
# NITROGEN GENERATOR & INFLATOR

## HEAVY TRUCK W/HIGH QUALITY HOLLOW FIBRE MEMBRANE

**HP-6125M**

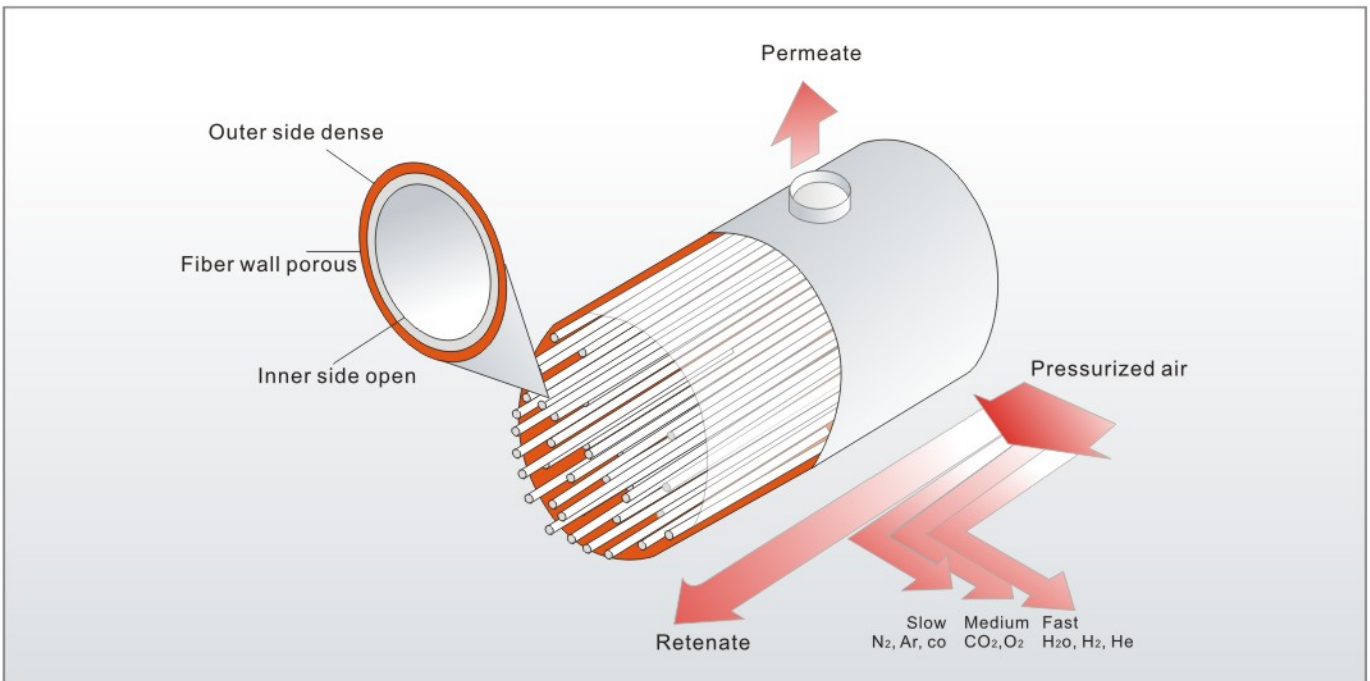
### TECHNICAL SPECIFICATION

MODEL NUMBER	HP-6125M
SUIT FOR	CARS, LIMOUSINE, LIGHT & HIGH TRUCKS
POWER	220V ± 10%, 50/60HZ
NITROGEN GENERATED	THROUGH HOLLOW FIBRE MEMBRANE
NITROGEN PURITY	95-99%
AIR INLET PRESSURE	14.5KG/CM <sup>2</sup> , 207PSI
AIR COMPRESSOR REQUIRED	5.5-7.5KW, 15KG/CM <sup>2</sup> , 1.5M <sup>3</sup> /MIN
NITROGEN OUTLET PRESSURE	13KG/CM <sup>2</sup> , 185PSI
OUTPUT CAPACITY	≈ 4M <sup>3</sup> /hour
N2 TANK CAPACITY	130L/34 GALLON INSIDE
STANDARD	2 HOSES+VACCUM GENERATOR & N2 INFLATOR
DIMENSION	770*650*1420MM
N.W./G.W.	120/130KGS



PARKER MEMBRANE MADE IN USA

### GAS SEPARATION MEMBRANE



## NITROGEN GENERATOR & INFLATOR STANDARD ACCESSORIES



VACUUM GENERATOR & N2 INFLATOR  
(FOR PASSENGER CARS)



VACUUM GENERATOR & N2 INFLATOR  
(FOR HEAVY TRUCKS)



AIR HOSE(FOR PASSENGER CARS)



NITROGEN HOSE(FOR PASSENGER CARS)



PU HOSE(FOR HEAVY TRUCKS)



PRESSURE GAUGE



WATER/OIL VAPOR SEPARATOR  
(FOR HP-1650)



WATER/OIL VAPOR SEPARATOR  
(FOR HP-1670B/DN)



AUTOMATIC WATER/OIL VAPOR  
SEPARATOR (FOR HP-1670A/EN,  
HP-1690A/FN, HP-1690A/LCD)



FULL-AUTOMATIC HIGH PRECISION  
WATER/OIL VAPOR SEPARATOR  
(FOR HP-1670A/EN, HP-1690A/FN,  
HP-1690A/LCD)



QUICK COUPLER (MALE)



QUICK COUPLER (FEMALE)



CARBON MOLECULAR SIEVE (CMS)  
W/OUTER BODY  
(FOR PSA TECHNOLOGY)



HOLLOW FIBER MEMBRANE  
(FOR HN-6125M)



HEAVY PRESSURE & PRECISION  
WATER/OIL SEPARATOR  
(FOR HP-S1860 & HN-6125M)

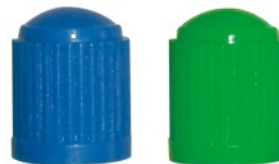


N2 STORAGE TANK

**NITROGEN GENERATOR & INFLATOR  
OPTIONAL ACCESSORIES**



LED TIRE INFLATION GUN(MODEL NO.: DTG-200)



N2 TIRE VALVE CAP



LCD TIRE INFLATION GUN(MODEL NO.: DTG-202)



PNEUMATIC PRESSURE INCREASE CYLINDER

AUTOMATIC TYRE INFLATOR ▶



## Full Automatic Tire Inflator (For Air)



HJ-101

### FEATURE

- ※ LED display
- ※ With a tool box and a 10M length inflating hose
- ※ Automatically test and control with an upgraded computer board
- ※ Data memory function



HJ-101B

### FEATURE

- ※ LED display
- ※ With 10M length inflating hose
- ※ Automatically test and control with an upgraded computer board
- ※ Data memory function



HJ-105

### FEATURE

- ※ 4 Tyres inflation simultaneously
- ※ LED display
- ※ With a tool box and a 10M length inflating hose
- ※ Data memory function
- ※ 4 outlets allow simultaneous inflation of up to 4 tires



C

### FEATURE

- ※ 4 Tyres inflation simultaneously
- ※ LED display
- ※ 10M length inflating hose
- ※ Data memory function
- ※ 4 outlets allow simultaneous inflation of up to 4 tires

## TECHNICAL DATA

MODEL NUMBER	HJ-101	HJ-101B	HJ-105	HJ-105B
Power & Voltage	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE
Air Inlet Pressure	2 ~ 8KG/cm <sup>2</sup>	2 ~ 8KG/cm <sup>2</sup>	2 ~ 8KG/cm <sup>2</sup>	2 ~ 8KG/cm <sup>2</sup>
Air Inflation Pressure Range	1 ~ 7kg/cm <sup>2</sup>	1 ~ 7kg/cm <sup>2</sup>	1 ~ 7kg/cm <sup>2</sup>	1 ~ 7kg/cm <sup>2</sup>
Pressure Precision	0.1kg/cm <sup>2</sup>	0.1kg/cm <sup>2</sup>	0.1kg/cm <sup>2</sup>	0.1kg/cm <sup>2</sup>
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-201

### FEATURE

- ※ LCD Display
- ※ With a tool box and a 10M length inflating hose
- ※ Automatically test and control with an upgraded computer board
- ※ Data memory function



HJ-201B

### FEATURE

- ※ LCD display
- ※ 10M length inflating hose
- ※ Automatically test and control with an upgraded computer board
- ※ Data memory function



HJ-205

### FEATURE

- ※ 4 Tyres inflation simultaneously
- ※ LCD Display
- ※ With a tool box and a 10M length inflating hose
- ※ Automatically test and control with an upgraded computer board
- ※ Data memory function
- ※ 4 outlets allow simultaneous inflation of up to 4 tires



HJ-205B

### FEATURE

- ※ 4 Tyres inflation simultaneously
- ※ LCD Display
- ※ 10M length inflating hose
- ※ Automatically test and control with an upgraded computer board
- ※ Data memory function
- ※ 4 outlets allow simultaneous inflation of up to 4 tires

### TECHNICAL DATA

MODEL NUMBER	HJ-201	HJ-201B	HJ-205	HJ-205B
Power & Voltage	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE	220V/50HZ/1 PHASE
Air Inlet Pressure	2 ~ 8KG/cm <sup>2</sup>	2 ~ 8KG/cm <sup>2</sup>	2 ~ 8KG/cm <sup>2</sup>	2 ~ 8KG/cm <sup>2</sup>
Air Inflation Pressure Range	1 ~ 7kg/cm <sup>2</sup>	1 ~ 7kg/cm <sup>2</sup>	1 ~ 7kg/cm <sup>2</sup>	1 ~ 7kg/cm <sup>2</sup>
Pressure Precision	0.1kg/cm <sup>2</sup>	0.1kg/cm <sup>2</sup>	0.1kg/cm <sup>2</sup>	0.1kg/cm <sup>2</sup>
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-301

### FEATURE

- ※ Over-inflation function
- ※ Larger LCD digital display
- ※ Automatically test and control with an upgraded computer board
- ※ Data memory function
- ※ With metal button prolong the lifetime of the keyboard



Tank not included

HJ-301YD

### FEATURE

- ※ Over-inflation function
- ※ Larger LCD digital display
- ※ Automatically test and control with an upgraded computer board
- ※ Special design for standard gas cylinder back
- ※ Data memory function
- ※ With metal button prolong the lifetime of the keyboard



HJ-305

### FEATURE

- ※ Over-inflation function
- ※ 4 Tyres inflation simultaneously
- ※ Larger LCD digital display
- ※ With a tool box and 4pcs of 10M length inflating hose
- ※ Automatically test and control with an upgraded computer board
- ※ Data memory function
- ※ With metal button prolong the lifetime of the keyboard
- ※ 4 outlets allow simultaneous inflation of up to 4 tires

### TECHNICAL DATA



Tank not included

HJ-305YD

### FEATURE

- ※ Over-inflation function
- ※ 4 Tyres inflation simultaneously
- ※ Larger LCD digital display
- ※ Automatically test and control with an upgraded computer board
- ※ Special design for standard gas cylinder back
- ※ Data memory function
- ※ With metal button prolong the lifetime of the keyboard
- ※ 4 outlets allow simultaneous inflation of up to 4 tires

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





FUEL INJECTOR TESTER & CLEANER

## FUEL INJECTOR TESTER & CLEANER

# HP-4A

With integrated ultrasonic bath

Product Name	Fuel Injector Diagnosis & Cleaning Equipment
Power Supply:	AC220V $\pm$ 10, 50/60Hz $\pm$ 0.5
Environment Temperature:	10~40°C
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 $\pm$ 10, 50/60Hz $\pm$ 0.5
Environment Temperature:	10~40°C
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

## 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-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 $\pm$ 10, 50/60Hz $\pm$ 0.5
Environment Temperature:	10~40°C
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 $\pm$ 10, 50/60Hz $\pm$ 0.5
Environment Temperature:	10~40°C
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

FUEL INJECTOR DIAGNOSIS & CLEANING EQUIPMENTS  
**STANDARD ACCESSORIES**



TESTING & CLEANING SOLVENTS



PULSE CABLE



BOSCH OIL PUMP(FOR HP-4/6/8)



SIMENS OIL PUMP(FOR HP-7/7C/7E)



CONNECTORS (FOR HP-4/6/8 series )



COMMON OIL STAGE(FOR HP-7/7C/7E)



TOOL BOX(FOR HP-7/7C/7E)



ULTRASONIC CLEANER –With Time setting function(Optional)

FUEL INJECTOR DIAGNOSIS & CLEANING EQUIPMENTS  
**OPTIONAL ACCESSORIES**



TBI INJECTOR CONNECTOR.  
 FOR OPEL, NISSAN, NISSAN 3S, CEFIRO,  
 DAEWOO, CADLLAC, CHEVROLET, TOYOTA  
 PREVIA, BLUE BIRD, MAZDA 929

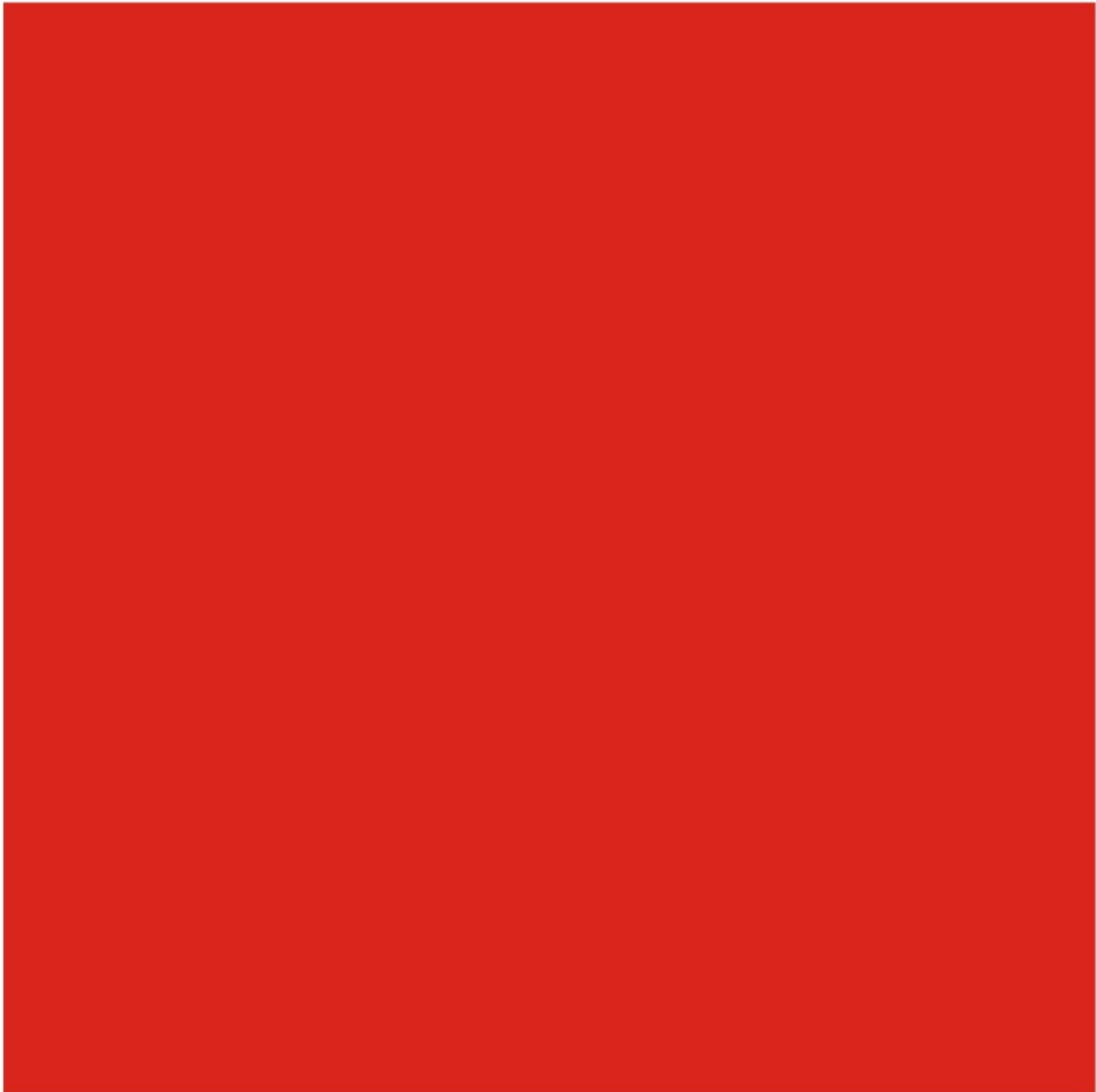


TBI INJECTOR OIL STAGE



FREE-DISMANTLE CLEANING SYSTEM  
 W/CONNECTORS

## **AIR CONDITIONER RECOVERY & RECHARGE EQUIPMENTS ▶**



This machine was designed to recover the refrigerant from the A/C system. As many impurities including frozen oil, air, water vapor and etc. Causing a lot of bad effects, such as: high temperature, reducing the refrigerant effect, causing leakage, pipe block by ice.

Recharging the regenerated refrigerant after vacuum generation to the automobile A/C system.

Which is environmental-friendly and cost effective.

## HM-10

### FEATURE

- ※ Economic Model
- ※ Semi-automatic



HM-10

## HM-12

### FEATURE

- ※ Full-automatic
- ※ Friendly control key board, easy and comfortable operation
- ※ Two weight scale (One for Refrigerant, another for Frozen oil)
- ※ High-precision of weight scale.
- ※ Self-calibration of weight scale
- ※ Liquid Crystal Display



HM-12

### TECHNICAL DATA

MODEL NUMBER	HM-10	HM-12
ELECTRICAL	AC220V ± 10V; 50/60HZ	AC220V ± 10V; 50/60HZ
VACUUM PUMP	150W	180W
COMPRESSOR	3/8HP	1/3HP
INPUT POWER	< 400W	< 400W
OPERATING TEMPERATURE	0-50℃	0-50℃
SCALE WEIGHT RANGE (R134A)	0-25KGS	0-35KGS
PRECISION FOR SCALE WEIGHT DISPLAY (R134A)	± 10G	± 10G
SCALE WEIGHT RANGE (FROZEN OIL)		0-2KG
PRECISION FOR SCALE WEIGHT (FROZEN OIL)		± 2G
SPEED OF VACUUMIZING	60L/MIN	60L/MIN
AVAILABLE CAPACITY OF REFRIGERANT TANK	10KGS	10KGS
RECOVERY SPEED	250G/MIN	250G/MIN
RECHARGE SPEED	800G/MIN	900G/MIN
MEAS.	710 × 610 × 1160	780 × 880 × 1410
G.W.	73KGS	60KGS



# HM-20/HM-30

## FEATURE

- ※ Full-automatic
- ※ Friendly control key board, easy and comfortable operation
- ※ Liquid Crystal Display
- ※ Heavy duty of compressor and vacuum pump
- ※ High performance of imported components



HM-20



HM-30

## TECHNICAL DATA

MODEL NUMBER	HM-20	HM-30
ELECTRICAL	AC220V ± 10V; 50/60HZ	AC220V ± 10V; 50/60HZ
VACUUM PUMP	370W	370W
COMPRESSOR	3/8HP	3/8HP
INPUT POWER	< 400W	< 400W
OPERATING TEMPERATURE	0-50°C	0-50°C
SCALE WEIGHT RANGE	0-30KGS	0-30KGS
PRECISION FOR SCALE WEIGHT DISPLAY (R134A)	± 10G	± 10G
SPEED OF VACUUMIZING	180L/MIN	180L/MIN
AVAILABLE CAPACITY OF REFRIGERANT TANK	10KGS	10KGS
RECOVERY SPEED	300G/MIN	300G/MIN
RECHARGE SPEED	1500G/MIN	1500G/MIN
MEAS.	735 × 720 × 1350	760 × 750 × 1350
G.W.	120KGS	125KGS

# HM-40/HM-50

## FEATURE

- ※ Full-automatic
- ※ Friendly control key board, easy and comfortable operation
- ※ Liquid Crystal Display
- ※ Heavy duty of compressor and vacuum pump
- ※ High performance of imported components



HM-40



HM-50

## TECHNICAL DATA

MODEL NUMBER	HM-40	HM-50
ELECTRICAL	AC220V ± 10V; 50/60HZ	AC220V ± 10V; 50/60HZ
VACUUM PUMP	550W	750W
COMPRESSOR	3/8HP	1HP
INPUT POWER	< 750W	< 900W
OPERATING TEMPERATURE	0-50℃	0-50℃
SCALE WEIGHT RANGE	0-30KGS	0-50KGS
PRECISION FOR SCALE WEIGHT DISPLAY	± 10G	± 10G
SPEED OF VACUUMIZING	240L/MIN	240L/MIN
AVAILABLE CAPACITY OF REFRIGERANT TANK	10KGS	20KGS
RECOVERY SPEED	300G/MIN	780G/MIN
RECHARGE SPEED	1500G/MIN	1800G/MIN
MEAS.	735 × 720 × 1350	780 × 760 × 1380
G.W.	90KGS	150KGS