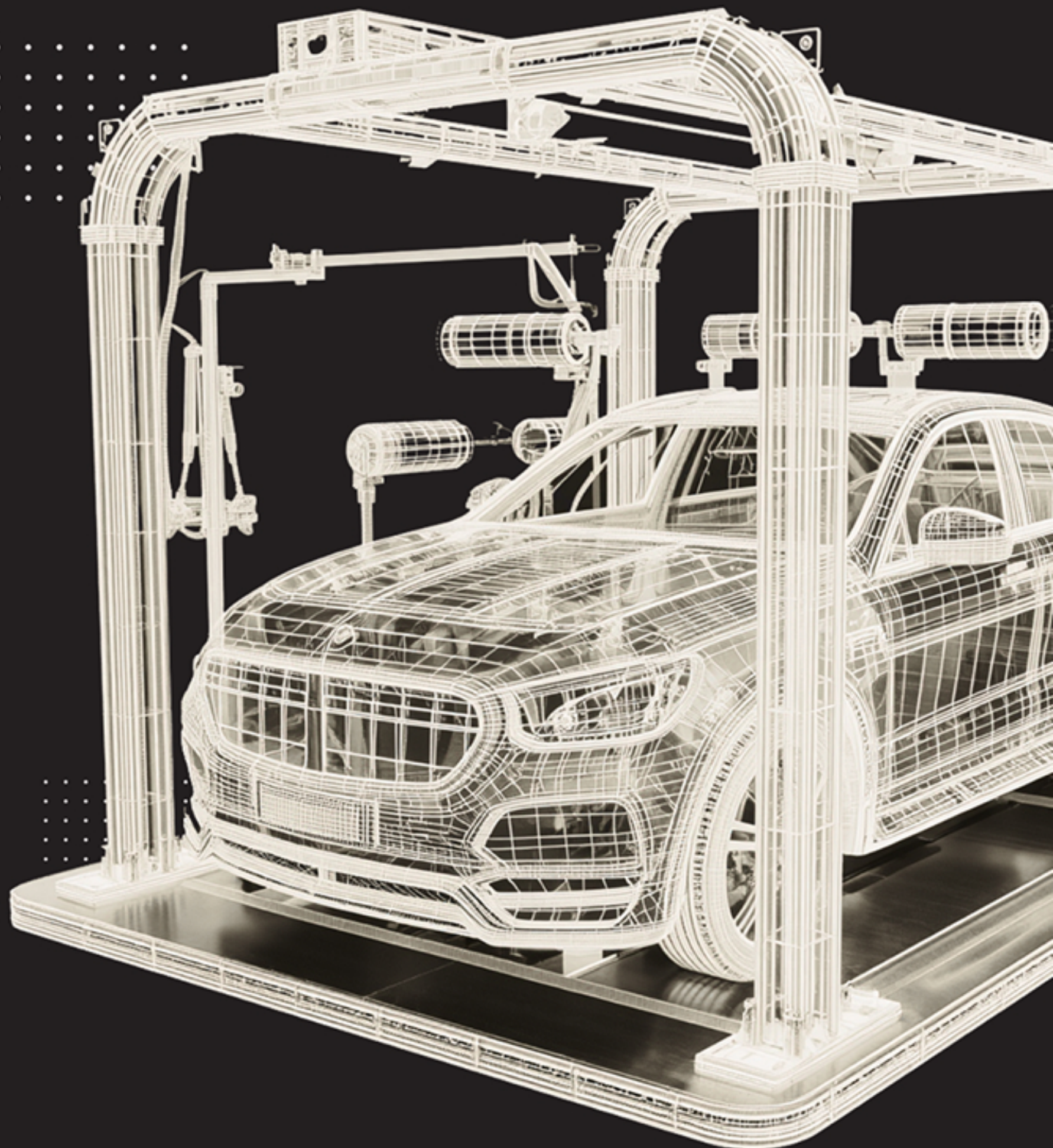




# AUTOMOBILE GARAGE EQUIPMENTS CATALOGUE



+86 198 1853 3191 – Mr. Tareq Salah  
[info@fasterhz.com](mailto:info@fasterhz.com)  
[www.fasterhz.com](http://www.fasterhz.com)

**Features:**

- 5-inch color LCD touchscreen for navigation, featuring an explosion-proof, high-strength microcrystalline panel .
- Advanced intelligent touch operation technology-simply tap the panel lightly to trigger operations.
- Rapid identification of zero pressure and high pressure, suitable for use with various vehicle models.
- Automatic recognition of oil inlet and outlet directions, with intelligent automatic switching between transmission oil inlet and outlet directions.
- One-click intelligent cycle cleaning and equal exchange.
- Fully automated intelligent control for high-precision equal oil exchange between new and old oil.
- Automatic refilling and recovery of transmission oil, along with intuitive display of transmission oil pressure in the radiator.
- Effectively resolves incomplete manual transmission oil changes.
- Multiple specialized adapters for various vehicle models from Europe, America, and Asia. Comes standard with multiple adapter options.



**Technical Data**

Power supply	DC12V
Maximum power	150W
Pressure gauge	0~1.5Mpa
Filter precision	5µm
Equivalent exchange error	±10g
New/used fluid tank	20Lx2
Working temperature	-10?~+40?
Relative humidity	< 85%
Noise	<70db
Weight	50kg
Size	69cm*49cm*105cm

**Technical Data**

Power supply	DC12V
Maximum power	150W
Pressure gauge	0~1.5Mpa
Filter precision	5µm
Equivalent exchange error	±20ml
New/used fluid tank	15Lx2
Fluid hose	2.4m
Working temperature	-10°C~+40°C
Relative humidity	< 85%
Noise	<70db
Weight	31kg
Size	44cm*48cm*90cm



Intelligent operation interface

Data of various automobile wave boxes

**ATF-63A1**

**Features:**

- Fully automatic recognition of oil inlet and outlet directions/Intelligent automatic switching between transmission inlet and outlet directions for automatic completion of used and new oil exchange functions.
- Fully automatic intelligent electronic control for high-precision equal oil exchange between old and new oils.
- Automatic recognition of power source polarity.
- Automatic transmission cycle cleaning function.
- Intuitive display of transmission radiator oil pressure.
- Touchscreen control, intelligent operation guidance (oil type, disassembly position, oil change volume, oil level inspection position).
- Optional temperature display and heating function (optional feature).
- Multiple specialized adapters available for various vehicle series (optional feature).
- Equipped with multiple car gearbox data.



**ATF-30DT**

**Features:**

- Dual-filter design effectively prevents impurities from obstructing the oil pump.
- Automatic flow control device and equalization adjustment.
- Equipped with an oil quality circulation flow rate window.
- Automatically switches to oil suction after oil change, ensuring quick, efficient, and protective equal exchange for the automatic transmission.
- Multiple specialized adapters available for various vehicle series (optional feature)."

**Technical Data**

Power supply	DC12V
Maximum power	150W
Pressure gauge	0~1.5Mpa
New/used fluid tank	15Lx2
Fluid hose	2.4m
Working temperature	-10°C~+40°C
Weight	37kg
Size	69cm*49cm*105cm



**Technical Data**

Power supply	DC12V
Maximum power	150W
Pressure gauge	0~1.5Mpa
New/used fluid tank	15Lx2
Fluid hose	2.4m
Working temperature	-10°C~+40°C
Relative humidity	< 85%
Noise	< 70db
Weight	31kg
Size	44cm*55cm*102cm

**Features:**

- Flow direction automatically controlled and equal.
- With oil cycling flow speed monitor.
- It can shift to oil extracting function automatically after the oil exchanging is completed. The whole progress is fast and high effective.
- Effectively protect the gear-box and remove the grease and impurities in it.



**ATF-20DT**



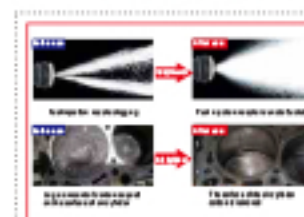
- **ATT-5533** By adopting the special nanoparticles atomizing technology and three-dimensional fog making system, the average particle diameter is about 1-5 um, and the carbon remover is atomized and sent out, which can cover the air inlet and exhaust system and combustion chamber, directly to the sludge and carbon deposit, and can remove the carbon on the surface of the terry catalyst, with quick effect.

**Technical Data**

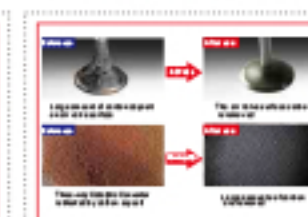
Power supply	DC12V
Maximum power	120W
Standard atomization rate	20ml/30min
Atomization chamber capacity	1500ml
Atomization time	1-60min(Adjustable)
Atomization rate	20-100%(Adjustable)
Cleaning hose	3m
Catalyst cleaning hose	3.5m
Length of vibration sensor clamp	2.5m
Catalytic converters cleaning	20L
Weight	40kg
Size	69cm*49cm*105cm



**ATT-5533**



Wash the surface of the three-way catalytic converter



Clean the carbon deposits

**Features:**

- Engine cleaning function, Cleaning function.
- Catalytic converters cleaning function.
- The atomization particles are fine, and the pipeline connection is simple and convenient.
- The air inlet after the atomization connection pipe of the machine is connected to the air filter of the car, which is fully controlled by microcomputer, and the atomization time and rate are adjustable.
- Free of disassembly and cleaning, convenient and quick.
- Smart touch sensing, micro crystalline touch tempered panel, smooth and easy to clean.
- There is no difference between positive and negative when connecting the battery, which is very convenient for wiring.
- Catalytic converters cleaning synchronously induce the working state of the engine, the engine is stopped, and the filling is automatically stopped to prevent the back flow of liquid into the engine and damage the engine.



Internal cleaning pipeline system

Intelligent management system, all functions are controlled by microcomputer. Cleaning time can be adjusted at will.

Engine disconnection  
Cleaning management  
Add cleaning solution  
1. Set time  
2. Atomization rate  
3. Start running.

Reduction Cleaning  
Add the working liquid of the engine  
Particle Cleaning  
Control the engine speed  
Clean the engine and exhaust system.



▶ ATT-5522

**Features:**

- Engine cleaning function.
- Cleaning function.
- The atomization particles are fine, and the pipeline connection is simple and convenient. The air inlet after the atomization connection pipe of the machine is connected to the air filter of the car.
- Which is fully controlled by microcomputer, and the atomization time and rate are adjustable.
- Free of disassembly and cleaning, convenient and quick.
- Smart touch sensing, micro crystalline touch tempered panel.

**Technical Data**

Power supply	DC12V
Maximum power	120W
Standard atomization rate	20ml/30min
Atomization chamber capacity	1500ml
Atomization time	1-60min(Adjustable)
Atomization rate	20-100%(Adjustable)
Cleaning hose	3m
Weight	37kg
Size	69cm*49cm*105cm

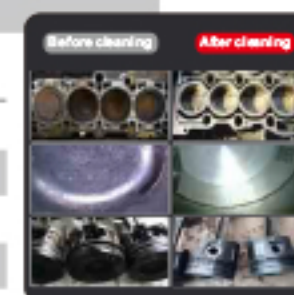


**Features:**

- Cyclic pulse cleaning can effectively clean the carbon deposits on the piston surface and the back of the valve.
- 10 minutes can carry out 60 efficient scour, high frequency scour brings efficient cleaning power.
- Corrosion resistant transparent glass, pulse carbon deposition liquid clearly visible.
- Special stainless steel cleaning pipe, greatly improve the coverage of the liquid when washing, and no damage to the cylinder.
- Working time can be adjusted, single construction operation is simple, to clearly observe the cleaning effect.
- With countdown setting.

**Technical Data**

Air pressure	2.5~3.0KG
Heating tube	200W*2
Pulse cleaning tube	2m*4
Filter capacity	800ml
Input Power	DC12V/AC220V(Heating type )
Output power	500W
Weight	20kg
Size	42CM*45CM*98CM



▶ ATT-5515

**Disassembly-free Cleaning Machine For Engine System**

**Features:**

- Disassembly-free cleaning function of various car model fuel system cleaning
- Combustion chamber foam cleaning function.
- Catalytic converters cleaning function.
- Detectable endoscope detection function.
- Disassembly-free cleaning function of intake and throttle valve system cleaning.

**Technical Data**

Power supply	DC12V
Maximum power	150W
Pressure gauge	0~1.5Mpa
Precision filter	5µm
used fluid tank	2.5L
New fluid tank	1L
Working temperature	-10°C~+40°C
Weight	28kg
Size	69cm*49cm*105cm



▶ ATT-5500

**Fuel cleaning/carbon cleaning/three-way catalytic cleaning**

**Features:**

- Cyclic pulse cleaning can effectively clean the carbon deposits on the piston surface and the back of the valve.
- Oil nozzle cleaning function.
- Three-way catalytic cleaning function.
- 10 minutes can carry out 60 efficient scour, high frequency scour brings efficient cleaning power.
- Corrosion resistant transparent glass, pulse carbon deposition liquid clearly visible.
- Special stainless steel cleaning pipe, greatly improve the coverage of the liquid when washing, and no damage to the cylinder.
- Working time can be adjusted, single construction operation is simple, to clearly observe the cleaning effect.
- With countdown setting.

**Technical Data**

Air pressure	2.5~3.0KG
Heating tube	200W*2
Pulse cleaning tube	2m*4
Filter capacity	800ml
Input Power	DC12V/AC220V(Heating type )
Output power	500W
Weight	20kg
Size	42CM*45CM*98CM



▶ ATT-5525



▶ **ATT-33WX3** Automotive cooling system cleaning switch adopts the advanced design, combines automotive cooling cycle power and the system power to do the cycle cleaning of the automotive cooling system, so that the cleaning fluid can be filtered by the filter element after dissolving scale in the channel; at the same time it is with the function of changing the coolant, which is easy and quick to operate. Using this machine can maintain the water tank and improve the heat dissipation function of the radiator.



**Technical Data**

Power supply	DC12V
Maximum power	150W
Pressure gauge	0~1.0Mpa
Precision filter	5μm
used fluid tank	20L
New fluid tank	4L
Working temperature	-10°C~+40°C
Relative humidity	<85%
Noise	<70db
Color	Red\Blue\Black
Weight	39kg
Size	69cm*49cm*105cm



Quick power connection



Micro crystalline panel

▶ **ATT-33WX3**



Microcrystalline panel



Visual effect



Touch screen operation



Equal exchange



Water tank leak detection



Fluid decomposition

**Features:**

- ▶ Leakage function of automobile cooling system
- ▶ Circulation cleaning function of automobile cooling system.
- ▶ Separate coolant recovery function.
- ▶ Refill new liquid and recover old liquid synchronously.
- ▶ Advanced intelligent touch-sensing operation technology, which just needs to touch the panel to complete the each operation in menu.
- ▶ Explosion-proof crack-proof high-strength microcrystalline panel, impact resistant, high temperature resistant, corrosion-resistant, easy to clean.
- ▶ The power of the equipment is DC12V, which is convenient to use.
- ▶ Large capacity old oil tank, which can continuously change the coolant of more cars.
- ▶ The connectors is applicable to European, American and Asian Models.



▶ **ATT-31NX**

**Features:**

- ▶ Simple operation and reduced maintenance cost.
- ▶ Real-time liquid level display.
- ▶ Automatically change the coolant to make the maintenance more thorough.
- ▶ Only 30 minutes, cleaning and fluid change can be completed at one time.
- ▶ Improve the working environment of the engine and improve the braking performance of the car.
- ▶ Large-capacity old liquid barrel, which can continuously replace the coolant of many vehicles.
- ▶ The connectors is applicable to European, American and Asian Models.

**Technical Data**

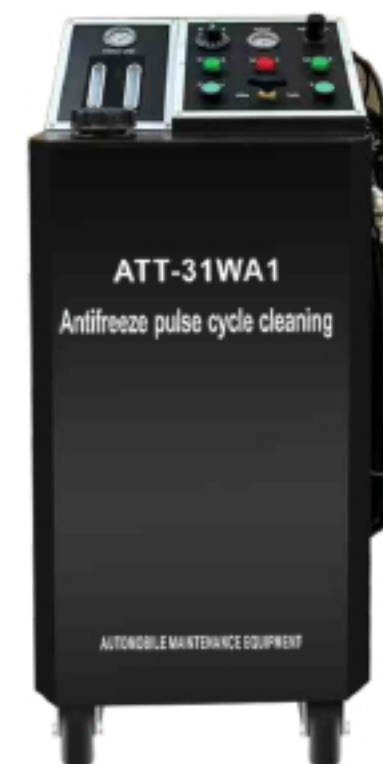
Power source	Air&AC220V
Maximum power	96W
Working pressure	116Psi
Used fluid tank	20L
New fluid tank	20L
Working temperature	-10°C ~+40°C
Relative humidity	<85%
Noise	<70db
Weight	37kg
Size	69cm*49cm*105cm

**Technical Data**

Power source	Air&DC12V
Maximum power	130W
Pressure gauge	0~10KG
Filling pump pressure	130PSI
Fluid tank	12L*2
Fluid hose	2m
Weight	25kg
Size	69cm*49cm*105cm

**Features:**

- ▶ Equivalent exchange of antifreeze.
- ▶ Circulating cleaning of cooling system.
- ▶ Warm air tank pulse vibration cycle cleaning.
- ▶ It has a heating device.
- ▶ Adjustable filling pressure.
- ▶ Double barrel design can be replaced continuously.
- ▶ The power source of the equipment is automobile power supply, which is convenient to use.



▶ **ATT-31WA1**



▶ ATT-33LX based on the principle of high cycle physical oscillation, the special cleaning solvent equipped can not only effectively dissolve the oil sludge, but also provide the lubrication protection effect required by the oil. At the same time, the oil sludge, carbon deposit and other impurities attached to the lubrication system of the engine are removed, and the old engine oil inside the engine is sucked out by the suction principle of the equipment. When the old oil does not remain, the effect of new oil can give a full play!

▶ ATT-33LX



Technical Data

Power source	DC12V
Maximum power	650W
Pressure gauge	0~1Mpa
Precision filter	5μm
Used fluid tank	20L
Clean parts	Engine lubricating system
Working temperature	-10°C~+40°C
Noise	<70db
Weight	40kg
Size	69cm*49cm*105cm



Quick power connection

- Microcrystal panel
- Operate simple
- Omni-directional cleaning
- Raise power
- Decrease oil consumption

▶ Features:

- Physical cleaning instead of traditional chemical fluid.
- 360 degree all-round dialysis and cleaning without any dead angle.
- Clean lubrication system, reduce engine wear, improve engine power.
- Reduce friction resistance, decrease fuel consumption and improve power.
- Delay the oxidative thickening of engine oil under high temperature and high load, reduce exhaust pollutant emissions.
- Restore your car's power and make your throttle lighter and smoother.
- Reduce fuel consumption which can save you 6%~10% fuel consumption.



▶ ATT-31LX

▶ Features:

- Circulate and clean lubricating oil pipeline and oil sludge and scrap iron in cylinder.
- Static disassembly-free cleaning.
- External replaceable high-precision filter element.
- Special oil receiving pan.

Technical Data

Power source	DC12V
Maximum power	150W
Pressure gauge	0~1Mpa
Precision filter	5μm
Cleaning fluid tank	20L
Used fluid tank	20L
Working temperature	-10°C~+40°C
Noise	<70db
Weight	30kg
Size	48cm*46cm*92cm

Power Steering Oil Change Machine

▶ Features:

- Suitable for various vehicle models.
- Equipped with a transparent window for direct observation of the exchange process.
- Performs cycling, filtering, and replacement in equal amounts.
- Ensures thorough, quick, safe, and reliable oil change.
- Cleaning and replacement can be completed in approximately 10 minutes.

Technical Data

Power source	DC12V /Air source
Maximum power	180W
Pressure gauge	0~120Psi
Working temperature	-10°C~+40°C
Noise	<70db
Weight	45kg
Size	69cm*49cm*105cm
Scope of application	Middle-small gasoline and diesel vehicles



Standard connector



▶ ATT-30PX



▶ **ATT-33BW**X automatic brake oil cooling system changing machine is equipped with exclusive fluid changing connectors. The positive pressure and negative pressure mode are adopted. The fluid of two wheels are changed at the same time. The microcomputer control is used to draw out and fill at the same time to realize the automatic change of brake oil and coolant. It solve the problem of the traditional time-consuming and labor-intensive oil change, the oil changing equipment is more professional, more thorough, more convenient and safer.



**Technical Data**

Power voltage	DC12V
Maximum power	150W
Pressure gauge	0~1Mpa
Precision filter	5 μ m
Coolant tank	20L
Brake tank	4L
Working temperature	-10°C~+40°C
Noise	<70db
Weight	41.5kg
Size	69cm*77cm*115cm



Quick power connection



The function buttons are clear at a glance

▶ **ATT-33BW**X

- Extraction & injection syphonize
- No need to exhaust.
- Two wheels are replaced at the same time
- high-efficiency cooling
- Decontamination and descaling
- Rust decomposition

**Features:**

- ▶ Two-in one function of cooling system and brake system maintenance.
- ▶ Cleaning brake pipeline function.
- ▶ Filling, recovering brake oil function.
- ▶ Cleaning cooling pipeline function.
- ▶ Coolant changing function.
- ▶ The recovery filling rate can be adjusted.
- ▶ Pure Copper Movement, corrosion-resistant pump, which is very durable.
- ▶ Pure Copper Movement and accessories, covering more than 95% of the market models.

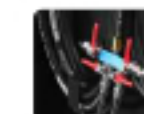


**Features:**

- ▶ Filling and recovering brake oil.
- ▶ Adopts the negative pressure suction oil replacement method.
- ▶ The new and old oil pipelines are designed independently to prevent the cross contamination of new and old oil.
- ▶ External new and old oil flow pressure gauges can observe the pressure to change the oil.
- ▶ Effectively solve the problem of incomplete manual replacement of brake oil.

**Technical Data**

Power voltage	DC12V
Maximum power	150W
Pressure gauge	0~1Mpa
Used fluid tank	2.5L
New fluid tank	5L
Working temperature	-10°C~+40°C
Weight	35kg
Size	69cm*49cm*105cm



▶ **ATT-31BX**

**Technical Data**

Power voltage	DC12V
Maximum power	150W
Pressure gauge	0~1Mpa
Used fluid tank	2.5L
New fluid tank	5L
Working temperature	-10°C~+40°C
Weight	35kg
Size	69cm*49cm*105cm



▶ **ATT-32BX**

**Features:**

- ▶ Filling and recovering brake oil.
- ▶ Oil can be changed by positive pressure filling and negative pressure suction.
- ▶ The new and old oil pipelines are designed independently to prevent the cross contamination of new and old oil.
- ▶ External new and old oil flow pressure gauges can observe the pressure to change the oil.
- ▶ Effectively solve the problem of incomplete manual replacement of brake oil.



▶ **ATT-5530** is a professional cleaning car air-conditioning system, creating a good automotive indoor environment for the car, generating a large concentration of sterilizing and purifying gas, which shall be used by matching with sterilizing of germs, completely solve the unpleasant harmful gases and harmful viruses, and restore the power of the original car's air conditioning system to a certain extent. Meanwhile, the ternary catalyst is soaked, cleaned, and reduced by liquor to remove carbon deposits, clog, improve the power of vehicle and save fuel.



**Features:**

- Visual cleaning, sterilization and purification of automobile evaporation tank.
- Air purification in car cabin, antibacterial, odor eliminating.
- Through the real-time transmission visualization of car evaporation box and other parts, vehicle catalytic catalyst cleaning and reducing can be viewed.
- Cleaning, disinfection sterilization, purification function and cleaning effect are excellent.
- The power source of the machine is compressed air, which is economical and reliable.
- Purification agent atomization function uses advanced electromagnetic resonance technology, dispersed liquid vibration device, so the atomization effect is intuitive.
- Endoscope with macro HD processing, LCD dual screen display, makes images clearer and brighter.
- The cleaning tube adopts adjustable and deformed serpentine tube, flexible in operation.



**Technical Data**

Power voltage	DC12V
Maximum power	150W
Pressure gauge	0~1.0Mpa
Disinfectant tank capacity	1L
Detergent tank capacity	1L
Catalytic detergent tank capacity	1L
Reducing detergent tank capacity	20L
Working temperature	-10°C~+40°C
Weight	43kg
Size	69cm*49cm*105cm



▶ **ATT-5530**



▶ **ATC-993** fully automatic vehicle air conditioning pipe assembly-free cleaning machine, this cleaning function does not require any chemicals, only need original refrigerant to perform air conditioning system interior refrigerant oil and pipe interior dirt complete cleaning, can perform dynamic and static cleaning.

**Features:**

- Independent disassembly-free pipeline cleaning function.
- Full-automatic function (automatic recovery, purification, vacuuming, refrigerant filling, Closed-loop circulating flush), easy to use and high cost performance.
- Humanized design, navigation process design, automatically prompt the specific operation of each step, self-lock irrelevant keys all the way to prevent wrong operation, and beginners need no training.
- Toughened glass panels, durable not easy to damage.
- Refrigerant can be replenished to the built-in refrigerant tank through a separate refrigerant replenishment port.
- High-precision electronic scale metering recycling & filling quantity of refrigerant.
- The air conditioning system is recovered by high and low pressure pipelines at the same time, and the recovered residual refrigerant meets SAE standards after treatment.
- vacuum pump can completely pump the residual refrigerant and water vapor from the air conditioning system.
- The messages of refilling and recovering will be displayed by the built-in printer on the machine.



Double filter



Microcrystalline panel



Double fan & compressor



▶ **ATC-993**

**Technical Data**

Power supply	AC220V/50Hz;1100W
Recover rate	≤480g/min
Charge rate	≤900g/min
Charge accuracy	±10g
Charge volume	0-12kg
Compressor	3/8HP
Pump rate	90L/min
Coolant tank	≤12L
Refrigerant	R134a
Weight	148kg
Size	76cm*88cm*120cm





▶ ATC-983 is applicable to refrigerant recovery and filling of bus AC and truck air conditioners.



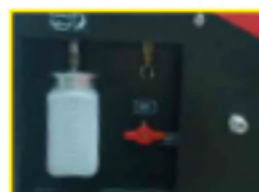
▶ ATC-983

**Features:**

- R134a bus&truck dedicated refrigerant recovery equipment.
- High precision electronic scale metering recycling, filling quantity of refrigerant.
- Running status real-time display, convenient observation high/low voltage side, the pressure inside the tank.
- Toughened glass panels, durable not easy to damage.
- Touch the sliding key, responsive easy to operate.
- A/C system of high and low pressure pipe and recycle.
- Dispose the residual coolant according SAE regulation.



High-pressure/Low pressure pipe & quick connector



Waste oil and exhaust port



**Technical Data**

Power supply	AC220V/50Hz;1100W
Recover rate	≤900g/min
Charge rate	≤1500g/min
Charge accuracy	±10g
Charge volume	0-25kg
Compressor	7/8HP
Pump rate	180L/min
Coolant tank	≤30L
Refrigerant	R134a
Weight	112kg
Size	76cm*88cm*121cm



▶ ATC-973 Full-automatic cleaning machine for automobile air conditioning pipeline. This cleaning function does not need any chemicals. Medicament, only the original refrigerant can completely replace the deteriorated refrigerant oil in the air conditioning system and the inside of the pipeline. Clean dirt thoroughly, which can realize forward/reverse cleaning and dynamic/static cleaning.

**Features:**

- Independent disassembly-free pipeline cleaning function.
- Full-automatic function (automatic recovery, purification, vacuumizing, refrigerant filling, Unidirectional&Bidirectional closed-loop flush), easy to use and high cost performance.
- Humanized design, navigation process design, automatically prompt the specific operation of each step, self-lock irrelevant keys all the way to prevent wrong operation, and beginners need no training.
- Chinese and English bilingual display can be switched to meet the needs of different customers.
- Refrigerant can be replenished to the built-in refrigerant tank through a separate refrigerant replenishment port.
- High-precision electronic scale metering recycling&filling quantity of refrigerant.
- The air conditioning system is recovered by high and low pressure pipelines at the same time, and the recovered residual refrigerant meets SAE standards after treatment.
- Double-stage vacuum pump can completely pump the residual refrigerant and water vapor from the air conditioning system.
- Scientific pipeline design and anti-liquid hammer oil-water separator design to improve recovery efficiency and refrigerant purity, prolonging device use life.



High and low voltage controllers



Large screen intelligent operation



▶ ATC-973

**Technical Data**

Power supply	AC220V/50Hz;1100W
Recover rate	≤480g/min
Charge rate	≤900g/min
Charge accuracy	±10g
Charge volume	0-12kg
Compressor	7/8HP
Pump rate	90L/min
Coolant tank	≤12L
Refrigerant	R134a
Weight	82kg
Size	69cm*49cm*115cm



▶ **ATC-963** fully automatic vehicle air conditioning pipe assembly-free cleaning machine, this cleaning function does not require any chemicals, only need original refrigerant to perform air conditioning system interior refrigerant oil and pipe interior dirt complete cleaning, can perform dynamic and static cleaning.

**Features:**

- ▶ Disassembly-free circulating cleaning of refrigerant in the vehicle system, with remarkable refrigeration effect;
- ▶ Chinese or English menu operation process design, easy to operate;
- ▶ Recycling, recycling, vacuuming, leak detection, filling, closed-loop automatic operation;
- ▶ High-precision electronic scale metering recovery, refrigerant filling and refrigerant oil filling;
- ▶ Real-time display of operation status, which is convenient to observe the pressure in high/low pressure end and refrigerant tank;
- ▶ Touch the sliding key, responsive easy to operate;
- ▶ Unique strong micro-crystal panel, durable and not easy to damage;
- ▶ Purge filter enhance the effect of recycled refrigerant.
- ▶ The messages of refilling and recovering will be displayed by the built-in printer on the machine.



Quick connector and hose



Microcrystalline panel and Data printing



High and low voltage controllers



▶ **ATC-963**

**Technical Data**

Power supply	AC220V/50Hz;650W
Recover rate	≤480g/min
Charge rate	≤900g/min
Charge accuracy	±10g
Charge volume	0-12kg
Compressor	3/8HP
Pump rate	90L/min
Coolant tank	≤12L
Refrigerant	R134a
Printer	Yes
Weight	67kg
Size	69cm*49cm*115cm



▶ **ATC-906** A/C Air conditioning pipe assembly-free cleaning machine, this cleaning function does not require any chemicals, only need original refrigerant to perform air conditioning system interior refrigerant oil and pipe interior dirt complete cleaning, can perform dynamic and static cleaning.

**Technical Data**

Power supply	AC220V/50Hz;650W
Recover rate	≤480g/min
Charge rate	≤900g/min
Charge accuracy	±10g
Charge volume	0-12kg
Compressor	3/8HP
Pump rate	90L/min
Coolant tank	≤12L
Refrigerant	R134a
Printer	Yes
Weight	66kg
Size	69cm*49cm*115cm



Drying bottle  
Old oil bottle  
Old oil bottle valve

Vacuum pump oil level window

New oil bottle  
New oil bottle valve

▶ **ATC-906**

**Features:**

- ▶ Independent disassembly-free pipeline cleaning function .
- ▶ Full-automatic function (automatic recovery, purification, vacuumizing, refrigerant filling, Unidirectional&Bidirectional closed-loop flush), easy to use and high cost performance.
- ▶ Humanized design, navigation process design, automatically prompt the specific operation of each step, self-lock irrelevant keys all the way to prevent wrong operation, and beginners need no training.
- ▶ Chinese and English bilingual display can be switched to meet the needs of different customers.
- ▶ Refrigerant can be replenished to the built-in refrigerant tank through a separate refrigerant replenishment port.
- ▶ High-precision electronic scale metering recycling&filling quantity of refrigerant.
- ▶ The air conditioning system is recovered by high and low pressure pipelines at the same time, and the recovered residual refrigerant meets SAE standards after treatment.
- ▶ Double-stage vacuum pump can completely pump the residual refrigerant and water vapor from the air conditioning system.
- ▶ Scientific pipeline design and anti-liquid hammer oil-water separator design to improve recovery efficiency and refrigerant purity, prolong device use life.



▶ **ATC-953A**

**Features:**

- R134a dedicated refrigerant recovery equipment.
- Automatic/manual alternative Chinese / English operating system.
- Automatically diagnostic, leakage detect, recover, recharge.
- Control the running by microcomputer.
- Running status real-time display, convenient observation high/low voltage side, the pressure inside the tank.
- Accurately weigh refrigerant with electronic weigh scale.
- Toughened glass panels, durable not easy to damage.
- Touch the sliding key, responsive easy to operate.
- Data printing.



PAG/POE frozen oil filling



Microcrystalline panel and Data printing



High and low voltage controllers

**Technical Data**

Power supply	AC220V/50Hz;650W
Recover rate	≤480g/min
Charge rate	≤900g/min
Charge accuracy	±10g
Charge volume	0-12kg
Compressor	3/8HP
Pump rate	90L/min
Coolant tank	≤12L
Refrigerant	R134a
Printer	Yes
Weight	67kg
Size	69cm*49cm*115cm



**Features:**

- Dedicated R134a refrigerant recovery and recharge equipment.
- Multiple functions including recovery, recycling, vacuuming, recharging, and refilling.
- High-power compressor ensuring fast recovery rates.
- LCD display with menu options in Chinese or English for simple and convenient operation.
- Electronic scale measuring device ensuring precision in recovery and recharging.
- Microcrystalline tempered panel, durable and resistant to wear.
- Responsive touch-slide buttons for easy and sensitive operation.
- Nitrogen pressurization, vacuum leak detection, and provision for charging refrigerant through small bottle interfaces, suitable for a wide range of applications.



PAG/POE frozen oil filling



Quick-connect fittings



Dual high controllers



▶ **ATC-913A**

**Technical Data**

Power supply	AC220V/50Hz;650W
Recover rate	≤480g/min
Charge rate	≤900g/min
Charge accuracy	±10g
Charge volume	0-12kg
Compressor	3/8HP
Pump rate	90L/min
Coolant tank	≤12L
Refrigerant	R134a
Printer	NO
Weight	67kg
Size	69cm*49cm*115cm





**Features:**

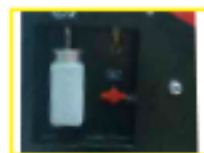
- R134a dedicated refrigerant recovery equipment.
- Automatic/manual alternative Chinese / English operating system.
- Automatically diagnostic, leakage detect, recover, recharge.
- Control the running by microcomputer.
- Running status real-time display, convenient observation high&low pressure, the pressure inside the tank.
- Accurately weigh refrigerant with electronic weigh scale.
- Turn on the machine to automatically remove the gas in the working tank.

**Technical Data**

Power supply	AC220V/50Hz;650W
Recover rate	≤480g/min
Charge rate	≤900g/min
Charge accuracy	±10g
Charge volume	0-12kg
Compressor	3/8HP
Pump rate	90L/min
Coolant tank	≤12L
Weight	79kg
Size	65cm*63cm*120cm



Quick connector and hose



Easy to remove waste oil bottle



High and low voltage controllers



**AC-955**

**Features:**

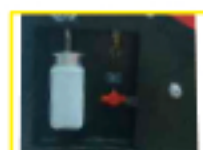
- R134a dedicated refrigerant recovery equipment.
- Built-in microcomputer control trigger work, stable performance, safe and reliable.
- High precision electronic scale metering recycling, filling quantity of refrigerant.
- Equipped with small tank charge port.
- Fine collection of pipeline

**Technical Data**

Power supply	AC220V/50Hz;550W
Recover rate	≤240g/min
Charge rate	≤480g/min
Charge accuracy	±10g
Charge volume	0-12kg
Compressor	1/4HP
Pump rate	90L/min
Coolant tank	≤12L
Weight	66kg
Size	65cm*63cm*120cm



Quick connector and hose



Easy to remove waste oil bottle

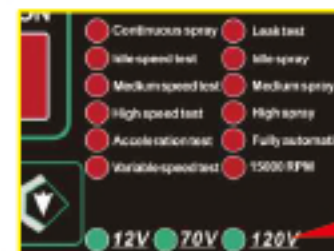


**ATR-903**



**Features:**

- Supports three voltage drives for injectors (12V, 70V, 120V), offering broad compatibility with various injector types.
- Suitable for special types of injectors such as GDI, EFI, and FSI, while also being compatible with standard injectors, providing higher applicability and accuracy.
- Capable of testing and cleaning 6 injectors simultaneously, increasing efficiency.
- Patterned layout clearly displays various functions and parameters, with a simple and easy-to-understand user interface.
- Features an advanced automatic oil return device, saving time and providing high efficiency and convenience.



Three voltage drives

Portable drawer



**ATT-GD6E**

**Technical Data**

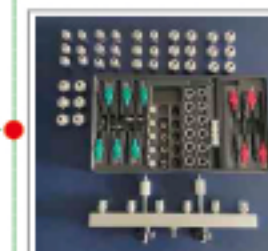
Power supply	AC220V±10%; 50/60Hz ;250W
System Flow Rate	2.5L/min
Tank Capacity	2.5L
Test Tube Capacity	120 ml
System Pressure	0-8.0 kg/cm <sup>2</sup> (adjustable)
Rotational Speed	0-9950 RPM Step: 50 RPM
Pulse Width	0-15 ms Step Size: 0.1 ms
Count (Time)	0-9999 Step Size: 5
Operating Temperature	+5°C ~ 40°C
Relative Humidity	< 85%
Ultrasonic Cleaner Frequency	40 KHz, 80W



universal data wire



Ultrasonic waste liquid hole



Standard configuration of connectors



**Features:**

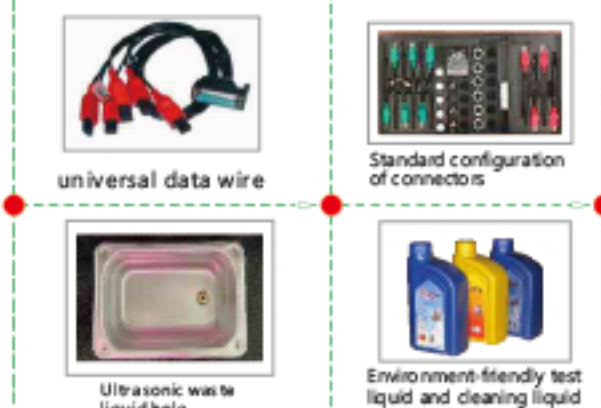
- The automatic program simulates the various working conditions of nozzle for detection and analysis.
- Standard testing procedures for automatic detection and programmable detection.
- Suit to test the high/low resistance, voltage/current injectors.
- RPM and pulse width is inversely proportional function, dynamic observation injector working condition.
- Random addition, reduction simulation engine acceleration, deceleration conditions.
- Can choose timing or timing method for detection and cleaning.
- Physical and chemical cleaning of blocked and faulty injector.
- Automatic control liquid return device, convenient and practical ultrasonic liquid discharge device.
- 4 inch widely screen LCD Chinese/English manual.
- Purge the residue in the rail and injector after test.

**Technical Data**

Power supply	AC220V±10% 50Hz 500W
System flow	4L/min
Fuel tank capacity	3.8L
Test tube capacity	120ml
System pressure	0-8kg/cm <sup>2</sup> (variable regulated)
Rotate speed	0-9950r/min step: 50 r/min
Pulse width	0-20ms step: 0.1 ms
time	0-9950 step: 10 s
Count (time)	0-9950 step: 5
Working temperature	-5°C ~ 40°C
Intensity of outside magnetic field	<400A/m
Ultrasonic Cleaner Frequency	25/40KHz, 80W



**ATT-LD6S**  
LCD electric six cylinders

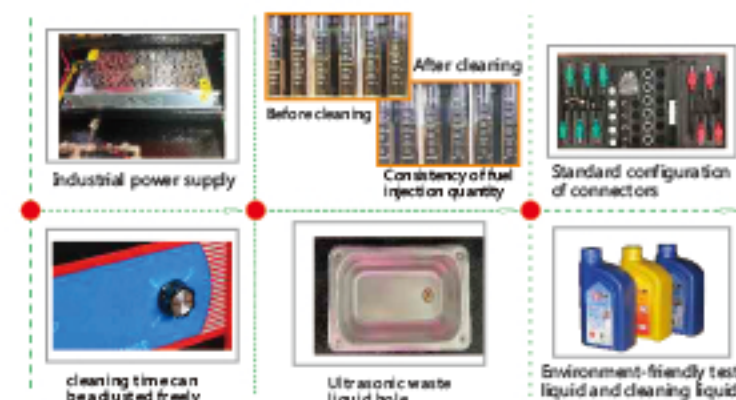


**Technical Data**

Power supply	AC220V±10% 50Hz 500W
Fuel tank capacity	3.8L
Test tube capacity	120ml
System pressure	0-6kg/cm <sup>2</sup> (variable regulated)
Rotate speed	0-9950r/min step: 50 r/min
Pulse width	0-20ms step: 0.1 ms
time	0-9950 step: 5 s
Count (time)	0-9950 step: 50
Working temperature	-5°C ~ 40°C
Ultrasonic Cleaner Frequency	25/40KHz, 80W
Weight	29kg
Size	55cm*46cm*55cm



**ATT-BJ6C**



**Features:**

- Simulate the running state of fuel injector to diagnostic fault.
- Test the injector seal, angel, atomization, volume and uniformity.
- Suit to test the high/low resistance, voltage/current injectors.
- RPM varies inversely to pulse width, Dynamic observation of the injector condition.
- Infinitely variable regulation of pressure insure the stability and accuracy.
- Automatic oil return device, easy to operate.
- Automatic protection pump function in case of lacking fluid or on standby.
- Adopt environment-friendly high-frequency ultrasonic for strong cleaning.
- The cleaning time can be adjusted freely to prevent the vibrator from being damaged by working for a long time.
- Fit the discharge tap of ultrasonic cleaner.



**LD-B600  
V-66**

- Features:**
- Build in powerful ultrasonic cleaner.
  - Fit the discharge tap of ultrasonic cleaner.
  - Upturn high precision test tubes, reliable quality.
  - Test fluid & detergent

**Technical Data**

Power supply	AC220V±10% 50Hz 500W
Fuel tank capacity	3.8L
Test tube capacity	120ml
System pressure	0-5kg/cm <sup>2</sup> (variable regulated)
Rotate speed	0-9950r/min step: 50 r/min
Pulse width	0-20ms step: 0.1 ms
time	0-9950 step: 5 s
Count (time)	0-9950 step: 50
Weight	29kg
Size	55cm*46cm*55cm

- Features:**
- Suit to various motor cycle.
  - Return fuel by solenoid valve, unique discharge valve for ultrasonic cleaner.
  - Ultrasonic heating function, cleaning effect is better.
  - Built-in automatic timing ultrasonic program 10 min more efficient.

**Technical Data**

Power supply	AC220V±10% 50Hz 500W
Fuel tank capacity	3L
Test tube capacity	120ml
System pressure	0-6kg/cm <sup>2</sup> (variable regulated)
Rotate speed	0-9950r/min step: 50 r/min
Pulse width	0-20ms step: 0.1 ms
time	0-9950 step: 5 s
Count (time)	0-9950 step: 50
Working temperature	-5°C ~ +40°C



**ATT-M2A  
Motorcycle special type**



- Features:**
- Test the injecting state and operating mode analysis.
  - Eliminate carbon in manifolding without disassembly of engine and manifolding, exhaust pipes with bubble jet.
  - Test the pressure of fuel injecting system.
  - Test fluid & detergent is innocuous, non-flammable, can be repeatedly used.

**Technical Data**

Power supply	AC220V±10% 50Hz 500W
System pressure	0-5.5kg/cm <sup>2</sup> (variable regulated)
Bubble tank pressure	4kg/cm <sup>2</sup>
Recover tank pressure	3.2kg/cm <sup>2</sup> (Vacuum)
Rotate speed	0-9950r/min step: 50 r/min
Pulse width	0-20ms step: 0.1 ms
time	0-9950 step: 5 s
Count (time)	0-9950 step: 50
Weight	38kg
Size	50cm*42cm*95cm



**ATT-780E**



**ATT-680B**

- Features:**
- Test the injecting state and operating mode analysis.
  - Eliminate carbon in manifolding without disassembly of engine and manifolding, exhaust pipes with bubble jet.
  - Test the pressure of fuel injecting system.
  - Test fluid & detergent is innocuous, non-flammable, can be repeatedly used.

**Technical Data**

Power supply	DC12V;150W
System pressure	0-6.5kg/cm <sup>2</sup> (variable regulated)
Bubble tank pressure	4kg/cm <sup>2</sup>
Recover tank pressure	3.2kg/cm <sup>2</sup> (Vacuum)
Rotate speed	0-9950r/min step: 50 r/min
Pulse width	0-20ms step: 0.1 ms
time	0-9950 step: 5 s
Count (time)	0-9950 step: 50
Weight	38kg
Size	50cm*42cm*95cm



## Theory Of Ultrasonic Cleaning

High frequency vibration signal produced by ultrasonic generator is convert to mechanical vibration by the transducer and then transfer in the liquid to activate the cavitation effect so it produce millions of tiny air bubbles, and these air bubble arise instant blast and regeneration during the period of fast compress and expansion, then it lead to occur the huge catalysis and emulsification, So the deep hole, surface and the hidden part of the serviced workpiece can be flush. it is easy to achieve entirely removing solid carbon dirt, residue and deposit in the injector.



AUC-300L



AUC-200S



AUC-200H  
Heating and signal output



AUC-100

### Features:

- The powerful ultrasonic wave produced by the high quality transducer can activate the huge cavitation effect and emulsification effect , so that is can remove oily dirt.
- Many kinds of detergent such as water-based, oil-gased can be used for physical and chemic cleaning, not scathe. the material surface of metal, plastic, rubber and leather.
- Automatic timing and tuning syntony is controlled by SCM technic, so you can get the high performance and perfect effect.
- Speed up the cleaning operation, simplify depurating the pollution, so that you can improve the work security.
- Equipped with launder to make easy cleaning.

Specification Model	Dimension of launder(mm)	Capacity (L)	Power (W)	Time(min)	Weight (kg)
AUC-100	150x140x65	1	100	0-15	5
AUC-200S	150x140x65	1	100	0-20	6
AUC-200H	150x140x65	1	100	0-20	6
AUC-300L	300x240x150	10	300	0-30	12



It is used for all the Bosch, Denso, Delphi and other kinds of high pressure common rail injectors. It can help the user to do the best diagnostic. Computer real-time control of fuel injector, accurate and reliable test of high pressure common rail fuel injector sealing, pre-injection, idle, discharge, full load injection and oil return. Its menu type operating system, easy operation, safe working. stable performance, advanced technique, it is the ideal equipment to detect all kinds of high-pressure common rail injector for domestic and aboard customers.

### Features

- Test the common rail injector sealing.
- Test the full load working.
- Test the idled-speed working.
- Test the pre-injecting.
- Test the atomizing.
- Test the working pressure.
- Test the fuel injection.
- High pressure flushing of the common rail injector.



ATT-DL300



### Features:

- Computerized realtime control.
- Injecting time and count could be set.
- Automatically test the common rail injector working.
- Organic protective doors ensure safe working.
- Oil pressure is shown on the computer stable and accurately.
- High-pressure and limited-pressure protection, safe and reliable.
- Standard database and wave data for common rail injector.
- Touch the sliding key, easy to operate.

### Technical Data

Input Power	AC220V±10% 50Hz
Output Power	1.5KW
Common pressure	0~2000bar(adjustable)
Flow test range	0~600ml/1000times
Pulse width	0.2ms~1ms
Oil tank capacity	16L
Weight	170kg
Size	87cm*78cm*143cm

**Features:**

- Microprocessor-controlled pressure with automatic tire inflation/deflation/pressure detection.
- Uses 240# carbon molecular sieve for high quality and purity.
- High-precision pressure sensor for accurate and balanced air pressure.
- Metal casing design for enhanced practicality.
- Suitable Vehicle Types: Motorcycles, passenger cars, and small to medium-sized buses and trucks.
- Standard Configuration: Precision filter, built-in air tank, 10-meter inflation hose (with air nozzle).

**Technical Data**

Air pressure	7.0-8.0kg/cm <sup>2</sup>
Air consumption	360L/min
N <sub>2</sub> production	30L/min
N <sub>2</sub> outlet pressure	0.1~6.0kg/cm <sup>2</sup>
N <sub>2</sub> purity	≥95%
Cylinder capacity	<50L
Power supply	AC220V±10%; 50Hz
Weight	77.5kg
Size	<62cm*43cm*135cm



**ATN-7300A**

**High Purity Nitrogen Generator**



**ATN-7300**

**Features:**

- Standard Configuration: Precision filter, built-in air storage tank, vacuum/gas filling gauge, 10-meter inflation hose.
- Uses 240# carbon molecular sieve for high quality and purity.
- Simple structure, easy and reliable to operate and maintain.
- Suitable Vehicle Types: Motorcycles, passenger cars, and small to medium-sized passenger and cargo vehicles.

**Technical Data**

Air pressure	7.0-8.0kg/cm <sup>2</sup>
Air consumption	360L/min
N <sub>2</sub> production	30L/min
N <sub>2</sub> outlet pressure	< 8.0kg/cm <sup>2</sup>
N <sub>2</sub> purity	≥95%
Cylinder capacity	<50L
Power supply	AC220V±10%; 50Hz
Weight	71kg
Size	<62cm*43cm*135cm

**Why are tires filled with nitrogen?**

**Nitrogen** is an inert gas, which has a much larger molecule than O<sub>2</sub>. It is not easy to heat up and cold shrink, and the range of change is small. Its penetration of tire walls is about 30~40 % slower than air.

Compared with general high-pressure air, high purity N<sub>2</sub> is O<sub>2</sub>-free and almost free of water and oil, its thermal expansion coefficient is low, low thermal conductivity, it warms up slowly, reducing the speed at which tires focus heat. It has the characteristics of non-combustible and non-combustion-supporting.

**Nitrogen-filled tires** contain less moisture, so they are less prone to rust and oxidation. N<sub>2</sub> has a low audio conductivity, about 1/5 that of air. Using N<sub>2</sub> can effectively reduce tire noise.

**Features:**

- Inflation/deflation/pressure testing are all automatically controlled by MPU.
- High accuracy pressure sensor, accurate and durable.
- Appearance of the creative design, beautiful and easy.
- Applicable range: motorcycles, cars, medium and small passenger cars or trucks.
- Standard accessories : Two stage filters, built-in vacuum, inner tank 10M hose.



Large LCD display



Two-stage air source processor

**Technical Data**

Air pressure	7.0-8.0kg/cm <sup>2</sup>
Air consumption	360L/min
N <sub>2</sub> production	30L/min
Test range	0.1~6.0kg/cm <sup>2</sup>
Test accuracy	±0.1kg
N <sub>2</sub> purity	≥95%
Power supply	AC220V±10%; 50Hz
Weight	54kg
Size	64cm*46cm*134cm



**N-2000A**



**Features:**

- Inflation/deflation/pressure testing are all automatically controlled by MPU.
- High accuracy pressure sensor, accurate and durable.
- Appearance of the creative design, beautiful and easy.
- Applicable range: motorcycles, cars, medium and small passenger cars or trucks.
- Standard accessories: Two stage filters, built-in vacuum, inner 50L tank 10M hose.

**Technical Data**

Air pressure	7.0-8.0kg/cm <sup>2</sup>
Air consumption	480L/min
N <sub>2</sub> production	50L/min
Test range	0.1~6.0kg/cm <sup>2</sup>
Test accuracy	±0.1kg
N <sub>2</sub> purity	≥95%
Power supply	AC220V±10%; 50Hz
Weight	69kg
Size	72cm*52cm*135cm



**▷ N-2500A**

**High Purity Nitrogen Generator**



**▷ N-2500**

**Features:**

- Using 200# carbon molecular sieve high.
- Simple design, purity nitrogen, easy operation, reliable.
- Applicable range: motorcycles, cars, medium and small passenger cars or trucks.
- Standard accessories: Two stage filters, vacuum/inflate gauge, inner 50L tank, 10M hose

**Technical Data**

Air pressure	7.0-8.0kg/cm <sup>2</sup>
Air consumption	480L/min
N <sub>2</sub> production	50L/min
N <sub>2</sub> Pressure	<7.0kg/cm <sup>2</sup>
N <sub>2</sub> purity	≥95%
Power supply	AC220V±10%; 50Hz
Weight	67kg
Size	72cm*52cm*135cm



**Features:**

- Using 200# carbon molecular sieve high.
- ABS material appearance modeling, design beautiful generous.
- Applicable range: motorcycles, cars, medium and small passenger cars or trucks.
- Standard accessories: Two stage filters, vacuum/inflate gauge, inner tank, 10M hose

**Technical Data**

Air pressure	7.0-8.0kg/cm <sup>2</sup>
Air consumption	360L/min
N <sub>2</sub> production	30L/min
N <sub>2</sub> Pressure	<7.0kg/cm <sup>2</sup>
N <sub>2</sub> purity	≥95%
Power supply	AC220V±10%; 50Hz
Weight	70kg
Size	72cm*52cm*138cm



**▷ N-2000**

**High Purity Nitrogen Generator**

**Features:**

- Using 200# carbon molecular sieve high.
- Simple design, purity nitrogen, easy operation, reliable.
- Applicable range: motorcycles, cars, medium and small passenger cars or trucks.
- Standard accessories: Two stage filters, vacuum/inflate gauge, inner 50L tank, 10M hose

**Technical Data**

Air pressure	7.0-8.0kg/cm <sup>2</sup>
Air consumption	360L/min
N <sub>2</sub> production	30L/min
N <sub>2</sub> Pressure	<7.0kg/cm <sup>2</sup>
N <sub>2</sub> purity	≥95%
Power supply	AC220V±10%; 50Hz
Weight	70kg
Size	72cm*52cm*138cm



**▷ ATN-7200**



**Characteristic**

- Using 200# carbon molecular sieve, high purity.
- Double nitrogen molecular sieve tower system can continuous aeration, stable quality.
- Applicable range: cars, light-duty trucks.
- Standard accessories: Two stage filters, vacuum/inflate gauge, inner 100L tank, add pressure device, 10M hose.

**Technical Data**

Air pressure	7.0-8.0kg/cm <sup>2</sup>
Air consumption	900L/min
N <sub>2</sub> production	180L/min
Test range	≤16.0kg/cm <sup>2</sup>
N <sub>2</sub> purity	≥95%
Power supply	AC220V±10%; 50Hz
Weight	223kg
Size	80cm*69cm*178cm



**ATN-10000**



Two-stage air source processor



100L tank



Double Dry water separators



**Characteristic**

- Using 200# carbon molecular sieve, high purity.
- Double nitrogen molecular sieve tower system can continuous aeration, stable quality.
- Skid mounted structure covers a small area and does not require foundation
- Application scope: petroleum, chemical, metallurgy and other industries.

**Technical Data**

Air pressure	7.0-8.0kg/cm <sup>2</sup>
Air consumption	2600L/min
N <sub>2</sub> production	1000L/min
N <sub>2</sub> purity	≥95%
Power supply	AC220V±10%; 50Hz
Weight	520kg



**ATN-62000**

**Fast/Slow Charger & Booster**



Specification Model	Supply volt (AC)	Charge volt (DC)	Max charge current (A)	Max instant boost current (A)	Regulation of charge current	N. W. (KG)	size(cm)
ATT-4300	220V/50HZ	12V~24V	130	12V/2200A;24VA/1200A	7	63	78*45*32
ATT-3300	220V/50HZ	12V~24V	90	12V/1500A;24VA/900A	7	38	78*45*32
ATT-2300	220V/50HZ	12V~24V	60	12V/1000A;24VA/600A	7	35	78*45*32
ATT-1200	220V/50HZ	12V~24V	40	12V/500A;24VA/220A	4	31	78*45*32