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## **AUTOOL ATF702 Automatic Transmission Fluid Exchanger**



## PRODUCT INFORMATION

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## **SAFETY RULES**

### **General safety rules**

- Always keep this user manual with the machine.
- Before using this product, read all the operational instructions in this manual. If you have any questions, feel free to contact us or our dealers. Failure to follow them may result in electric shock and irrita-tion to skin and eyes.
- Each user is responsible for installing and using the equipment according to this user manual. The supplier is not responsible for damage caused by improper use and operation.
- This equipment must only be operated by trained and qualified per-sonnel. Do not operate it under the influence of drugs, alcohol, or medication.
- This machine is developed for specific applications. The supplier points out that any modification and/or use for any unintended purposes is strictly prohibited.
- The supplier assumes no express or implied warranties or liabilities for personal injury or property damage caused by improper use, misuse, or failure to follow safety

instructions.

- This tool is intended for professional use only. Non-professional operation may result in injury to personnel or damage to tools or workpieces.
- Keep out of reach of children.
- When operating, ensure nearby personnel or animals maintain a safe distance. Avoid working in rain, water, or damp environments. Keep the work area well-ventilated, dry, clean, and bright.

## **Handling**

- Used/damaged equipment must not be disposed of in household waste but must be disposed of in an environmentally friendly manner. Use designated electrical equipment collection points.
- Waste oil should be treated as hazardous waste, for example, it should be processed at a pollution recovery site.

## **Electrical safety rules**

- Do not twist or severely bend the power cord. It may damage the internal wires. If the power cord shows signs of damage, do not use the products. Damaged cables pose a risk of electric shock. Keep the power cord away from heat sources, oil sources, sharp edges, and moving parts. Damaged power cords must be replaced by the manufacturer, its technician, or similarly qualified personnel to prevent dangerous situations or injuries.

## **Equipment safety rules**

- Never leave the equipment unattended when it is powered on. Always turn off the equipment at the main switch and disconnect the power cord when not in use for its intended purpose!
- Do not attempt to repair the equipment yourself.
- Before connecting it to power, check that the socket voltage and fuse ratings match the values on the nameplate. Mismatch may cause serious hazards and equipment damage.
- It is essential to protect the equipment from rainwater, moisture, mechanical damage,

overload, and rough handling.

## **Application**

- Before use, check whether the power supply line, connecting hoses, and adapters are damaged. Do not operate the equipment if damaged.
- Use the equipment only in compliance with all safety instructions, technical documents, and vehicle manufacturer specifications.
- When adding supplementary fluids, only use brand-new and unopened products.

## **Personnel safety rules**

- The filling oil used in the equipment may be harmful to health and any contact must be avoided.
- Always wear protective glasses when using the equipment to protect the eyes from possible splashes. In case of contact, rinse with running water for several minutes under open eyelids. If symptoms persist, consult a doctor.
- Always wear protective gloves during work to avoid skin contact with oils. If skin contact occurs, wash immediately with soap and water. Remove contaminated clothing or shoes immediately.
- If swallowed, seek medical advice immediately.
- The temperature of car engine exhaust pipes, radiators, and other parts can be quite high. Operators should keep a safe distance from these hot components to prevent burns.
- Always ensure that you have a stable footing so that you can safely control the equipment in unexpected situations.

## **CAUTIONS**

### **General safety**

For the correct use of the instrument, please read the full text of this manual carefully before use.

- Check the oil tank before exchanging the oil. Avoid working without enough

transmission fluid or using inferior transmission fluid.

- All pipes must avoid contact with heated and rotating parts of the vehicle, such as cooling fans, radiators, etc.
- Oils other than transmission oil are prohibited from being added to the equipment.
- The equipment must be operated in a horizontal position while running to prevent the oil pump from not cleanly drawing the oil inside the tank.
- When the machine is working, the operator must constantly watch the machine and carry out corresponding operations in a timely manner.
- If the machine is not to be used for a long time, disconnect the power supply.

## PRODUCT INTRODUCTION

### Introduction

- The ATF702 semi-auto ATF exchanger is simple and convenient to operate, allowing you to complete the cleaning and refilling of new oil for the transmission, torque converter, and transmission radiator in just 20 minutes. It thoroughly replaces old and new oil, removing metal shavings and sludge impurities, with an oil change rate of over 90%. This ensures that the transmission remains “like new,” achieving the true purpose of maintenance for the transmission.
- Any other use is considered beyond the intended purpose of the equipment and is prohibited.

### Specifications

Voltage	<b>DC 12V</b>
Maximum power	<b>&lt;150W</b>
Pressure gauge	<b>10kg/cm<sup>2</sup></b>
Outlet hose	<b>2.5m</b>
Oil return hose	<b>2.5m</b>
Oil tank	<b>20L</b>

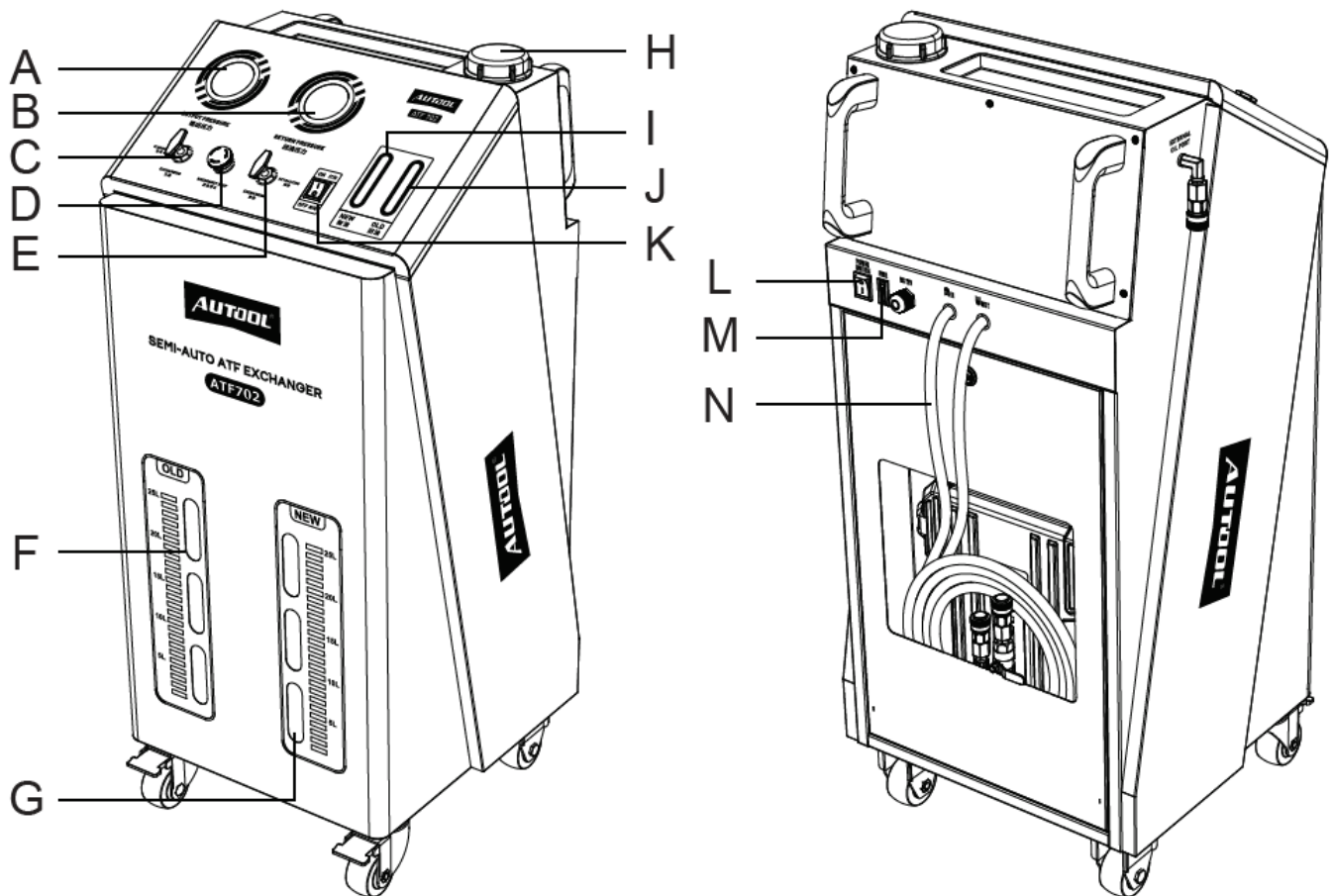
Equal quantity replacement error	<b>&lt;0.2kg</b>
Noise	<b>&lt;70db</b>

## Features

- Suitable for automatic transmissions in European, American, and Japanese vehicles.
- Without disassembly, it can easily clear metal shavings and sludge inside the transmission.
- Includes a separate Cycly-cleaning function, making maintenance more thorough.
- Mobile design, with a reasonable structure and simple operation. Utilizes quick connectors to link with transmission radiator piping, allowing for simple and fast operation.
- Effectively resolves the issue of incomplete transmission fluid replacement.
- Improves the working performance of the transmission.
- Extends the service life of the transmission.

## PRODUCT STRUCTURE

### Structure diagram



<b>A</b>	Output pressure gauge	<b>B</b>	Return pressure gauge
<b>C</b>	Switch valve 1	<b>D</b>	Emergency stop switch
<b>E</b>	Switch valve 2	<b>F</b>	Used oil tank leve
<b>G</b>	New oil tank level	<b>H</b>	New oil inlet
<b>I</b>	New oil window	<b>J</b>	Used oil window
<b>K</b>	Power switch	<b>L</b>	Switch
<b>M</b>	Fuse	<b>N</b>	Connecting pipe

## PREPARATION BEFORE OPERATION

### Adding transmission fluid

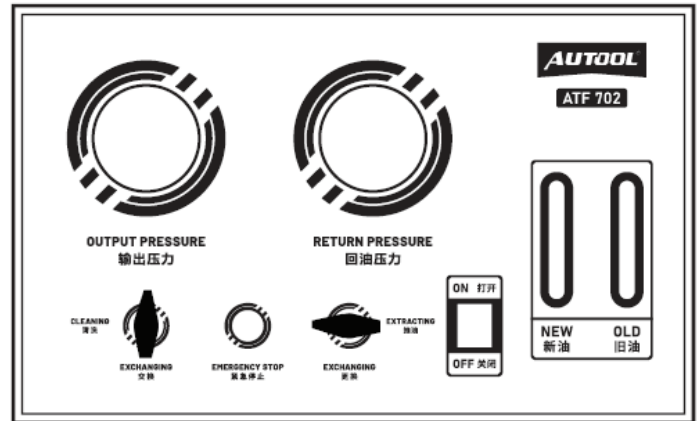
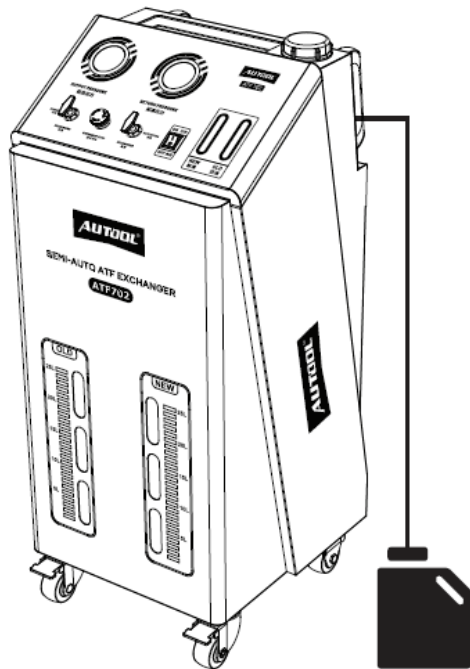
#### • Method 1

- Add the transmission fluid into the machine's oil inlet

#### • Method 2



- Insert the transparent connecting pipe into an external new oil tank, turn the left valve to the “Exchanging” position, and the right valve to the “Extracting” position; this will draw the oil from the external new oil tank.



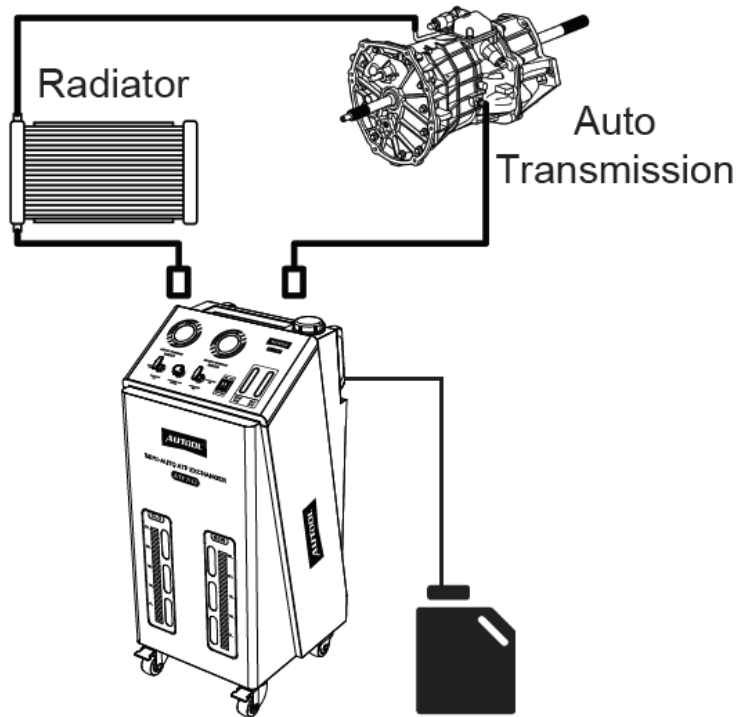
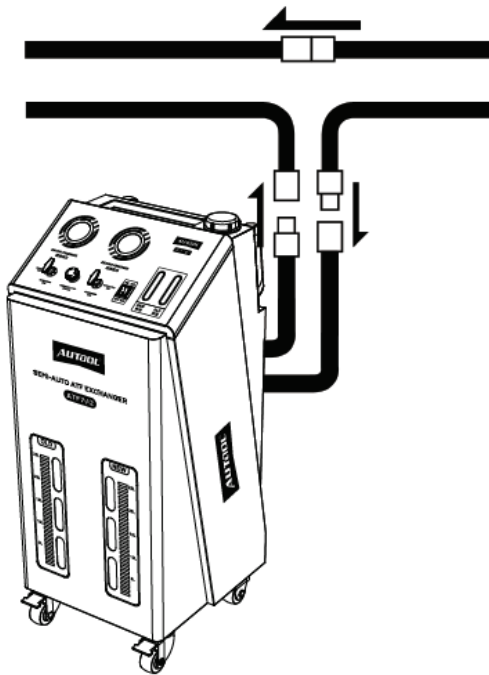
- Connect the battery clamps to the car's battery (red clamp to the positive terminal, black clamp to the negative terminal), attach the transparent connecting pipe to the outlet pipe, and turn on the power switch until new oil flows out (this step can bleed the air inside the machine).

## OPERATING STEPS

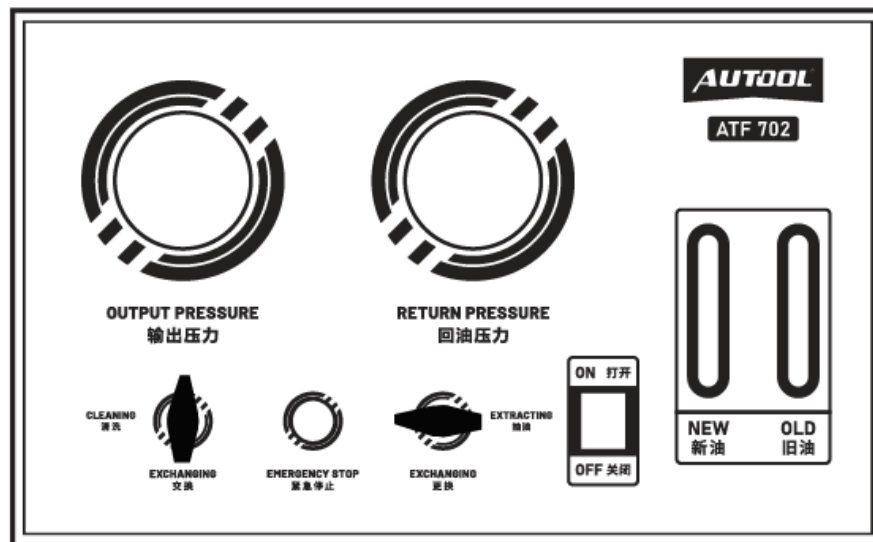
### Cycle cleaning

- Ensure the car is in a braking state and safely lift the vehicle.
- Locate the connecting oil pipe between the transmission and the radiator and disconnect one that is easy to remove.
- Choose the corresponding adapter from the adapter box and connect it to the machine's oil pipe (some models may require a special connector).
- Connect the car's oil-outlet end to the machine's left-side “return oil” connector, and the car's oil-inlet end to the machine's right-side “outflow oil” connector (you can briefly start the engine to determine the direction of oil-outlet and oil-inlet).

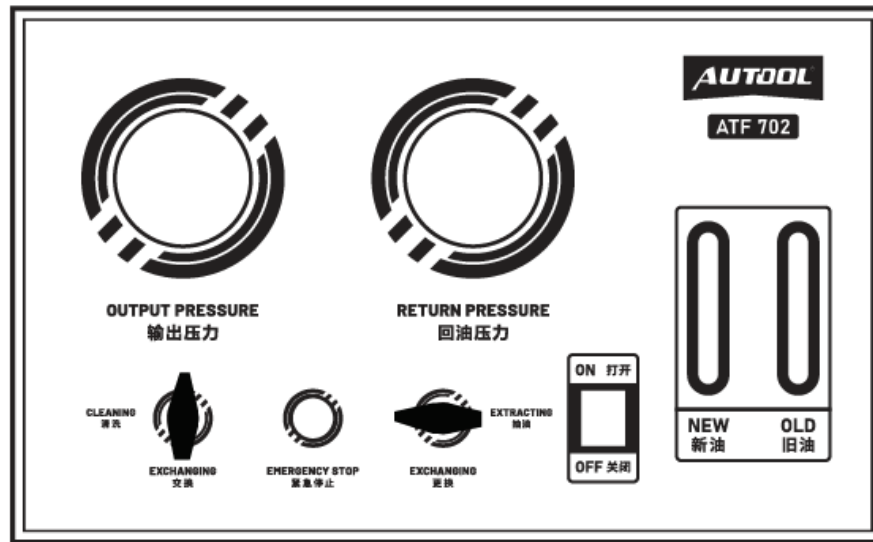
Transmission oil pipe on vehicle



- Connect one end of the transparent connecting pipe to the external oil inlet on the side of the machine and the other end into the cleaning fluid.
- Turn the left valve to the “Exchanging” position, and the right valve to the “Extracting” position.



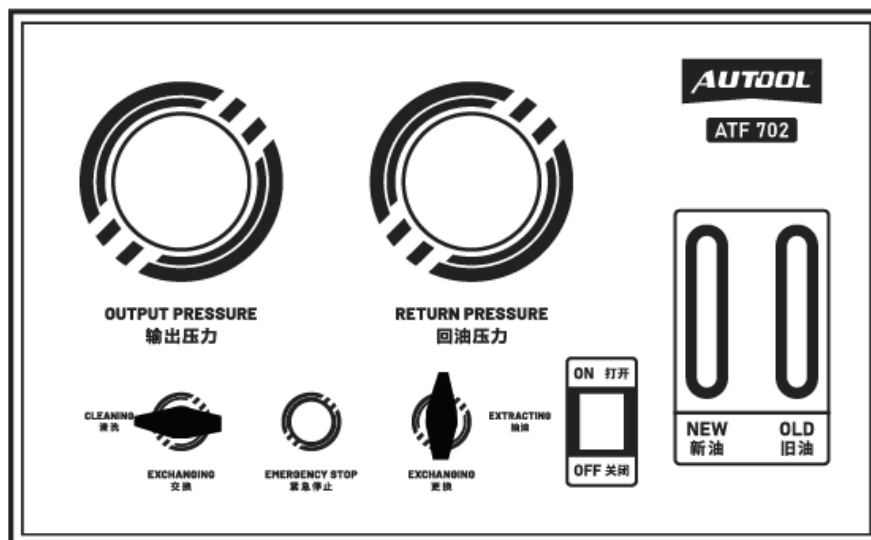
- Turn on the power switch; at this point, the cleaning fluid will be drawn into the transmission.
- Once the cleaning fluid has been fully injected, remove the transparent short tube and turn off the power switch. Turn the left valve to the “Clean” position and the right valve to the “Exchanging” position.



- Start the car's engine (the equipment's power does not need to be turned on during cleaning). The machine is now in a Cycle Cleaning state, and you can observe the oil flow from the new and old oil windows. During the cleaning process, switch between each gear and pause for 5-10 seconds, completing the cleaning in 5 minutes, after which you can turn off the engine.

## ATF exchange

- Turn the left valve to the "Exchanging" position and the right valve to the "Exchanging" position. Turn on the machine's power switch, and start injecting new oil into the transmission. When oil is seen flowing in the new oil window, start the car's engine, and the automatic transmission will begin the oil change.



- During the oil exchange process, observe the new and old oil windows. If the flow rate of the new oil is slower than the old oil, use the valve on the return oil pipe to reduce the flow of old oil, to balance the flow rates of the new and old oils.
- During the exchange of new and old oil, each gear should be held for 5-10 seconds.

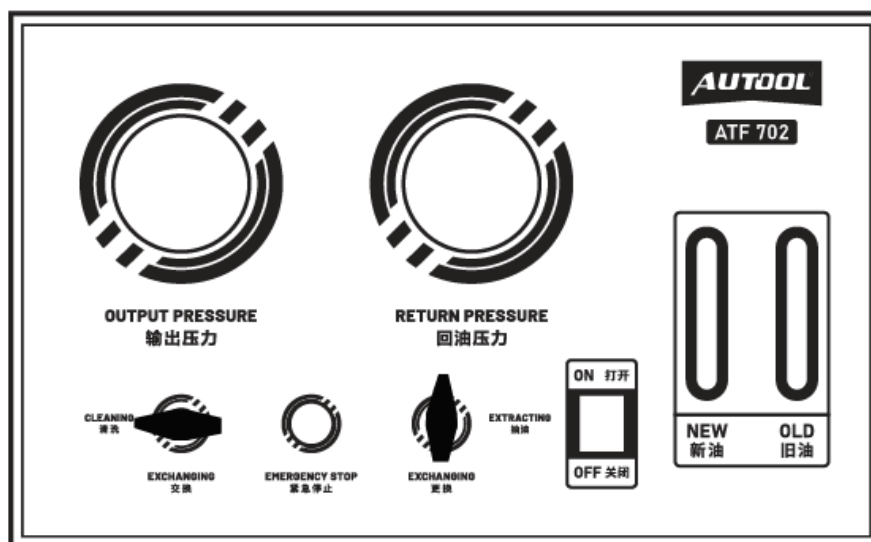
- Watch the color change in the old oil window. When the color of the transmission fluid in the old oil window changes from murky to the same color as the new oil, the transmission oil change is complete.
- Turn off the car's engine, restore the transmission oil pipe connection as it was, then restart the engine and switch to "P" (Park) to check the transmission fluid level. If the fluid level is low, add more new transmission fluid and check for any leaks in the pipes. After the fluid level is sufficient, test drive for about a kilometer, then check again (very important).

## NOTE

- Ensure correct connection of the drainage pipe, return pipe, and automatic transmission oil pipe.
- Check for any leaks in the connections. If there are any leaks, stop the machine and reinstall.

## Discharging waste oil

- Turn the left valve to the "Exchanging" position and the right valve to the "Extracting" position.



- Connect one end of the transparent connecting pipe to the main machine's "external oil suction connector" and the other end to the machine's return oil pipe.
- Attach the suitable connector to the front end of the outflow pipe; turn on the power switch, and the waste oil will be discharged.

## MAINTENANCE SERVICE

Our products are made of long-lasting and durable materials, and we insist on perfect production process. Each product leaves the factory after 35 procedures and 12 times of testing and inspection work, which ensures that each product has excellent quality and performance.

## **Maintenance**

To maintain the performance and appearance of the product, it is recommended that the following product care guidelines be read carefully

- Be careful not to rub the product against rough surfaces or wear the product, especially the sheet metal housing.
- Please regularly check the product parts that need to be tightened and connected. If found loose, please tighten it in time to ensure the safe operation of the equipment. The external and internal parts of the equipment in contact with various chemical media should be frequently treated with anti-corrosion treatment such as rust removal and painting to improve the corrosion resistance of the equipment and extend its service life.
- Comply with the safe operating procedures and do not overload the equipment. The safety guards of the products are complete and reliable. Unsafe factors are to be eliminated in time. The circuit part should be checked thoroughly and the aging wires should be replaced in time.
- Adjust the clearance of various parts and replace worn (broken) parts. Avoid contact with corrosive liquids.
- When not in use, please store the product in a dry place. Do not store the product in hot, humid, or non-ventilated places.

## **WARRANTY**

From the date of receipt, we provide a three-year warranty for the main unit and all the accessories included are covered by a one-year warranty.

### **Warranty access**

- The repair or replacement of products is determined by the actual breakdown situation

of product.

- It is guaranteed that AUTOOL will use brand new component, accessory or device in terms of repair or replacement.
- If the product fails within 90 days after the customer receives it, the buyer should provide both video and picture, and we will bear the shipping cost and provide the accessories for the customer to replace it free of charge. While the product is received for more than 90 days, the customer will bear the appropriate cost and we will provide the parts to the customer for replacement free of charge.

### **The conditions below shall not be in the warranty range**

- The product is not purchased through official or authorized channels.
- The product breaks down because the user does not follow the product instructions to use or maintain the product.

We AUTOOL pride ourselves on superb design and excellent service. It would be our pleasure to provide you with any further support or services.

### **Disclaimer**

All information, illustrations, and specifications contained in this manual, AUTOOL reserves the right of modify this manual and the machine itself with no prior notice. The physical appearance and color may differ from what is shown in the manual, please refer to the actual product. Every effort has been made to make all descriptions in the book accurate, but inevitably there are still inaccuracies, if in doubt, please contact your dealer or AUTOOL after-service centre, we are not responsible for any consequences arising from misunderstandings.

## **RETURN & EXCHANGE SERVICE**

### **Return & Exchange**

- If you are an AUTOOL user and are not satisfied with the AUTOOL products purchased from the online authorized shopping platform and offline authorized dealers, you can return the products within seven days from the date of receipt; or you may exchange it for another product of the same value within 30 days from the date of

delivery.

- Returned and exchanged products must be in fully saleable condition with documentation of the relevant bill of sale, all relevant accessories and original packaging.
- AUTOOL will inspect the returned items to ensure that they are in good condition and eligible. Any item that does not pass inspection will be returned to you and you will not receive a refund for the item.
- You can exchange the product through the customer service center or AUTOOL authorized distributors; the policy of return and exchange is to return the product from where it was purchased. If there are difficulties or problems with your return or exchange, please contact AUTOOL Customer Service.

<b>China</b>	+86 400-032-0988
<b>Oversea Zone</b>	+86 0755 23304822
<b>E-mail</b>	<a href="mailto:aftersale@autooltech.com">aftersale@autooltech.com</a>
<b>Facebook</b>	<a href="https://www.facebook.com/autool.vip">https://www.facebook.com/autool.vip</a>
<b>YouTube</b>	<a href="https://www.youtube.com/c/autooltech">https://www.youtube.com/c/autooltech</a>

## EU DECLARATION OF CONFORMITY


- We as the manufacturer declare that the designated product:
- Auto ATF Exchanger (Model ATF 702)
- Complies with the requirements of the:
- CE-MD Committee Directive 2006/42/EC RoHS Directive 2011/65/EU + 2015/863 + 2017/2102

## Applied Standards:

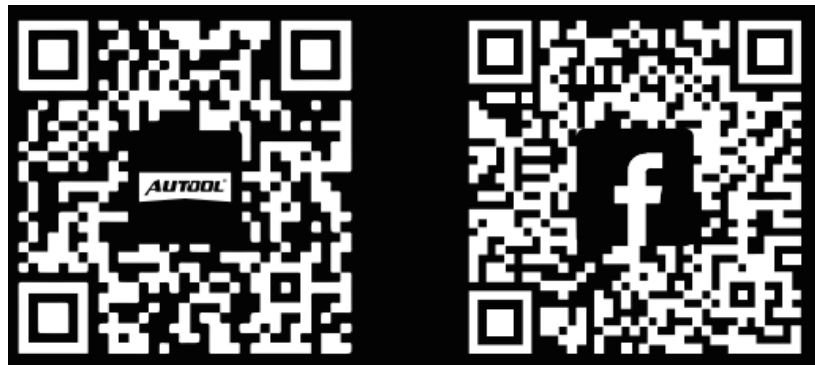
- EN 60204-1:2018, EN ISO 12100:2010
- IEC 62321-3-1:2013, IEC 62321-5:2013, IEC 62321-4:2013+A1:2017, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-1:2013, IEC 62321-6:2015, IEC 62321-

8:2017

- Certificate No.: ZHT-230207010C, ZHT-230207011C
- Test Report No.: ZHT-230207010S, ZHT-230207011R

<b>Manufacturer</b>	Shenzhen AUTOOL Technology Co, Ltd.
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	COMPANY NAME: XDH Tech
	ADRESS: 2 Rue Coysevox Bureau 3, Lyon, France  E-Mail: <a href="mailto:xdh.tech@outlook.com">xdh.tech@outlook.com</a> CONTACT PERSON: Dinghao Xu e

## MORE INFO

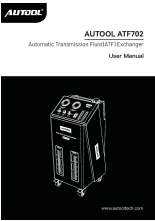


## FAQs

- **Q: What should I do if the machine malfunctions during operation?**
  - A: If you encounter any issues or malfunctions with the AUTOOL ATF702, immediately stop operation and refer to the troubleshooting section in the user manual. Contact customer support if needed.
- **Q: Can this machine be used for all types of vehicles?**
  - A: The AUTOOL ATF702 is designed for use with a wide range of vehicles. However, it is recommended to check compatibility with your vehicle's transmission system before use.





# Documents / Resources

	<p><a href="#">AUTOOL ATF702 Automatic Transmission Fluid Exchanger [pdf]</a> User Manual</p> <p>SDT101, ATF702 Automatic Transmission Fluid Exchanger, ATF702, Automatic Transmission Fluid Exchanger, Transmission Fluid Exchanger, Fluid Exchanger, Exchanger</p>
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## References

- [User Manual](#)

 AUTOOL

 ATF702, ATF702 Automatic Transmission Fluid Exchanger, Automatic Transmission Fluid Exchanger, AUTOOL, Exchanger, Fluid Exchanger, SDT101, Transmission Fluid Exchanger

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