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TUXING TXES022

TUXING 4500Psi PCP Compressor Instruction Manual

Model: TXES022

PRODUCT OVERVIEW

The TUXING 4500Psi PCP Compressor, Model TXES022, is a compact and high-performance air compressor designed for various applications including PCP air rifles, paintball guns, diving, and fire fighting. It features an adjustable auto-stop function, water cooling system, and an oil-water separator to ensure clean air and stable operation. With a motor power of 1.8KW and an inflating speed of 2800r/min, it can quickly fill tanks up to 4500 PSI (300 BAR).



The TUXING 4500Psi PCP Compressor, Model TXES022.

IMPORTANT SAFETY INFORMATION

- Always inspect the outer packaging and the machine for any damage upon receipt.
- The compressor's operating temperature should not exceed 85°C. Do not operate for more than 45 minutes continuously.
- Before starting, ensure the oil cap is replaced with the breathing rod and oil is added to the level of the red dot.
- A filter is installed with the filling hose to ensure good air quality.
- Verify that the blue filter and hose are properly assembled and free of leaks when connecting.

- Due to transportation restrictions, silicone oil is not included. Users must prepare suitable silicone oil (e.g., 5W-40 synthetic blend) before use.
- The filling pressure must not exceed 300 Bar / 4500 PSI / 30 MPa.
- For breathing air applications, always use the provided filter to prevent lubricant taste in the air.
- This compressor is designed for sub-liter size bottles. Using it for larger tanks may cause premature wear.

PACKAGE CONTENTS

Please verify all items are present upon opening the package:

- TUXING 4500Psi PCP Compressor Unit
- Air Release Screw
- Instruction Manual
- Hose with Female Connector
- Oil-Water Filter
- Spare Sealing O-rings
- Packing List
- Power Cord
- Water Pipe
- Water Pump

WIDE APPLICATION



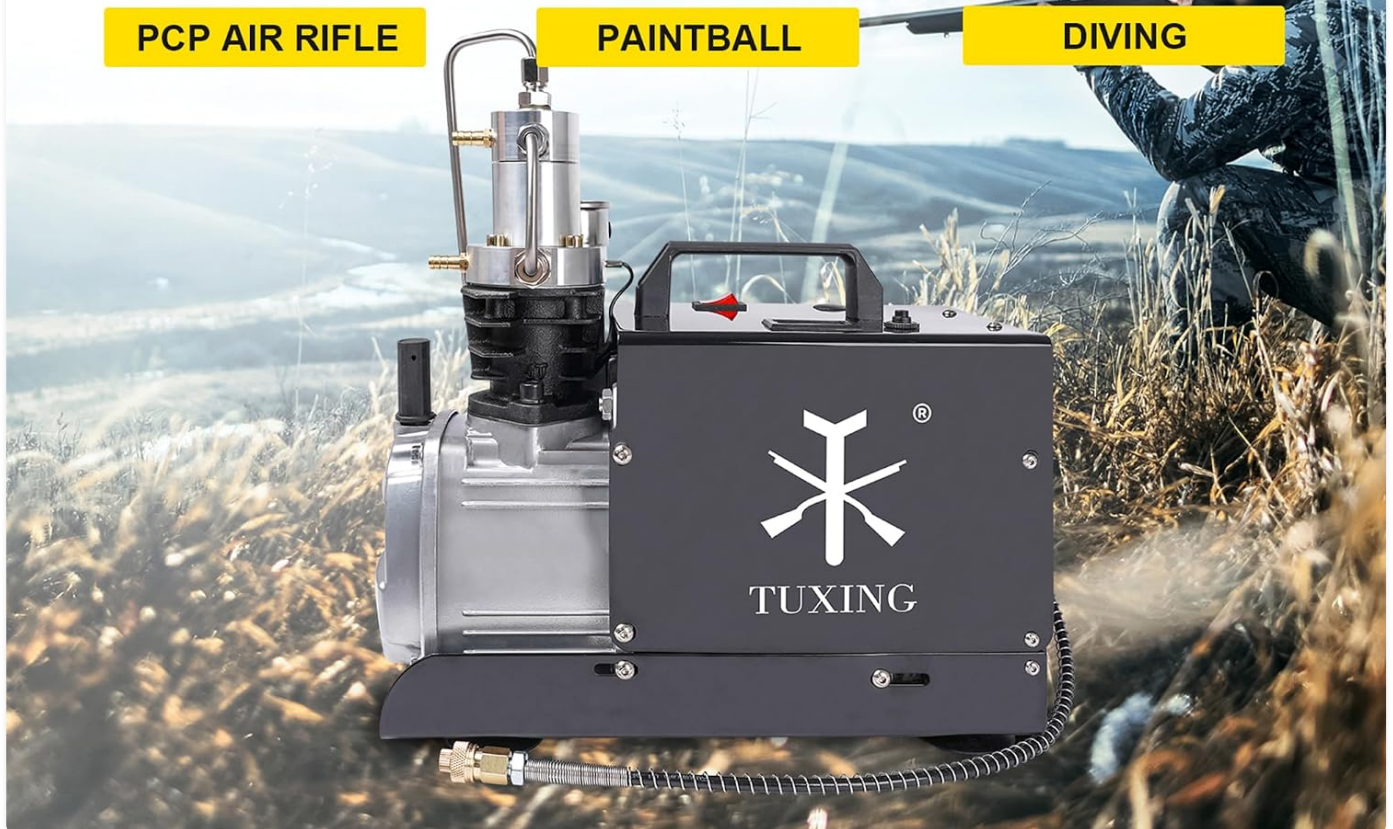
PCP AIR RIFLE



PAINTBALL



DIVING



All components included with the TUXING 4500Psi PCP Compressor.

SETUP INSTRUCTIONS

Follow these steps carefully for proper setup:

1. **Prepare for Oil:** Open the sealing cover (this is for transportation) and locate the crankcase breather in the accessory pack. Thread it into the oil fill port.
2. **Add Compressor Oil:** Fill the compressor with recommended oil (e.g., 5W-40 synthetic blend) up to the red indicator dot. **DO NOT OVERFILL!**
3. **Install Pressure Release Valve:** Install the pressure release valve screw.
4. **Connect Hose:** Install the main hose, paying attention to the gasket inside. Tighten it securely with a wrench to prevent air leaks.
5. **Install Oil-Water Filter:** Disconnect the soft hose and female connector. Open the filter, insert the moisture absorber

cotton, then put one seal disc inside the female connector. Connect the filter to the soft hose and fasten it with a wrench.

6. Set up Water Cooling System:

- Install the water pump by connecting the water nozzle to it.
 - Connect one end of the water pipe to the water nozzle on the pump.
 - Connect the other end of this water pipe to the water inlet in the compressor head.
 - Place the water pump into a water bucket.
 - Take out the second water pipe and connect it to the water outlet in the compressor head.
 - Place the other end of this second water pipe into the water bucket. Ensure there is sufficient water in the bucket.
- Note: It is recommended to place the water bucket at the same level as the compressor for optimal water flow and cooling efficiency.*

7. Connect Power: Connect the power cord to the compressor and then to a suitable power outlet. If the water flow is normal, it indicates correct installation of the cooling system.

8. Test Connection: Use the test plug to check if all connections are normal and secure.

TUXING

HIGH PRESSURE COMPRESSOR

30MPa/300BAR/4500PSI



Water-cooling



Fan-cooling



Oil-water
separation



Protection
plate



Overload
protection



Set pressure
protection

TXES022

PORTABLE AND LIGHTWEIGHT



PCP AIR RIFLE



PAINTBALL GUN



DIVING



FIRE FIGHTING



The compact and portable design of the TUXING compressor.

OIL-WATER SEPARATOR

Provide you with clean air



Illustration of the oil-water separator providing clean air.

FAN COOLING SYSTEM

Fast heat Dissipation



Air-cooled



Water-cooled



**Working temperature
Range:50-85°C**



The fan cooling system for efficient heat dissipation.

HIGH PRESSURE PERFORMANCE

4500



PSI

Working Pressure

2800R



MIN

Inflation Rate

1800R



W

High Power



Turn off machine when required pressure reaches



Oil-water separator

Details on the high-pressure performance and auto-stop feature.

Your browser does not support the video tag.

Official TUXING video demonstrating the setup and operation of the TXES022 compressor, including oil filling, hose connections, and water cooling system setup.

OPERATING INSTRUCTIONS

1. **Set Pressure:** Adjust the manometer to set your desired pressure, up to 4500 PSI. The compressor will automatically stop when this pressure is reached.
2. **Turn On:** Flip the power switch to the 'ON' position to start the compressor.
3. **Monitor Pressure:** Observe the pressure gauge as the air fills. The air should rise as expected.

4. **Turn Off:** Once the desired pressure is reached (or the compressor auto-stops), turn off the power switch.
5. **Release Air:** Turn the manual bleed knob valve screw to release any remaining air pressure from the system.
6. **Test Filling:** Connect the hose to your 0.5L air bottle and test the filling process from 0 to 4500 PSI. This typically takes about 5 minutes.



The TUXING compressor connected to an air tank for filling.

MAINTENANCE

- **Oil Level:** Check the oil level daily before use and refill immediately if below the recommended level.
- **Filter Maintenance:** Regularly check and replace the moisture absorber cotton inside the oil-water filter to ensure clean and dry air output.

- **General Cleaning:** Keep the compressor clean and free from dust and debris to ensure proper ventilation and cooling.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter:

- **Compressor Not Starting:** Ensure the power cord is securely connected to both the compressor and a working power outlet. Check the power switch is in the 'ON' position.
- **Pressure Not Building:** Verify all hose connections are tight and free of leaks. Ensure the pressure release valve screw is fully tightened. Check the oil level.
- **Overheating:** Ensure the water cooling system is properly set up and the water pump is functioning. The water bucket should have sufficient water and be level with the compressor for optimal flow. Do not exceed the recommended continuous operating time (45 minutes) or temperature (85°C).
- **Air Quality Issues:** Replace the moisture absorber cotton in the oil-water filter if air quality is poor or moisture is present.

SPECIFICATIONS

Feature	Specification
Brand	TUXING
Model Name	TXES022
Voltage	110V
Maximum Operating Pressure	300 Bars / 4500 PSI
Motor Power	1.8 Kilowatts (1800 Watt-hours)
Air Flow Capacity	0.05 Cubic Meters per Minute (50 L/min)
Noise Level	75 dB
Material	Stainless Steel
Dimensions	15.75 x 9.84 x 17.72 inches
Item Weight	0.071 ounces (Note: This weight seems incorrect, likely a data entry error for the actual product weight)
Included Components	Battery (for digital thermometer), Hoses, Water Pump

WARRANTY & SUPPORT

The main part of the TUXING 4500Psi PCP Compressor comes with a**1-year warranty** from the date of purchase.

For any questions regarding purchase or use, TUXING offers **24/7 VIP Customer Support**. Please feel free to contact us via email. Our professional team will reply as soon as possible to provide considerate customer service and support for high-quality products.



24/7 VIP Customer Support

- ❶ 7*24 hours online service.
- ❷ If you have any questions about purchase or use , please just feel free to contact us via Email. Our professional team will reply you as soon as possible.
- ❸ You will get considerate customer service , a cost-effective and high-quality products , so please place order now !

TUXING provides 24/7 VIP Customer Support for all inquiries.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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