

**THANK YOU FOR USING TIECHENG
BRUSHLESS PROFESSIONAL GRADE POWER TOOLS!**

TC·BL

Tiecheng Brushless

**DUAL-PURPOSE INFLATION &
VACUUM PUMP**

Manual book



TC·BL
Tiecheng Brushless

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DC400

SAFETY INSTRUCTION

Please read carefully before use and keep it properly after reading. Safety precautions must be strictly observed during use to prevent fire, electric shock

Personal injury and other accidents.

1. Pay attention to the workplace environment: place the machine in a well ventilated, low dust and low humidity position as far as possible, and fix the base with rubber shock absorption feet or springs. Do not work in damp and dark places, and do not work in places where flammable and explosive liquid gas and dust are stored.

2. Beware of electric shock: Do not let your body touch the grounding object when using the machine. (such as ducts, heating pipes, refrigerators, etc.).

3. Keep away from outsiders/children: Keep children away from the machine from personnel irrelevant to the operation, so as to cause injury and electric shock to children.

4. Keep the machine properly: store the machine in a dry environment when not in use.

5. Do not force the machine to use: operate according to the calibrated voltage, rate or load on the machine, and the effect will be better and safer.

6. Properly maintain the machine: timely clean the filter according to the use, regularly check the accessories and cables, and replace them immediately if they are damaged. The machine should be kept clean and dry without oil contamination, so as to give full play to its performance.

7. Cut off the power supply in time: When not in use, cut off the power supply in time. When moving the machine, turn off the power switch.

8. Prevention of overpressure startup: overpressure use is strictly prohibited. The maximum set pressure for machine use has been set as 0.5 Mpa at the factory.

9. Warning: The use of non genuine accessories is likely to cause damage to the machine and even personal injury.

10. Power supply voltage: It should be noted that the power supply voltage is consistent with the voltage on the nameplate of the machine. When the power supply voltage is higher than the applicable voltage of the machine, it may cause personal accidents and damage the machine. When the power supply voltage is lower than the applicable voltage of the machine, it may cause poor starting.

11. The machine can only be used for filling and pumping air. Under no circumstances can it handle other gases, or pump liquids, particles, solids or any flammable substances that may cause explosion.

12. Do not pump flammable and explosive gases or operate in an environment containing these gases.

13. Please do not touch the high-temperature parts, such as cylinder head, exhaust pipe, check valve, etc., during the operation of the machine to prevent scalding.

14. The machine is strictly prohibited from collision. It should be put upright when using. During handling, it should be prevented from tilting and inversion to avoid failure.

PRODUCT DIAGRAM



1. Inflation interface

4. Exhaust interface

2. Power switch

5. Vacuum filter

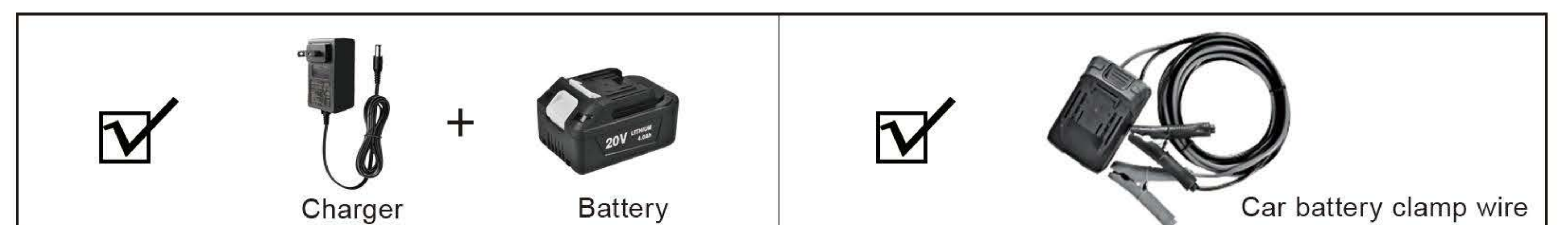
3. Lithium battery interface

6. Base

MAIN TECHNICAL PARAMETERS

Mode	Pressure	Air flow	Rated power	Rated voltage	N.W.
DC400	0.5Mpa	40L/min	400W	DC18V	6.0Kg
Attachment					

OPTIONAL ATTACHMENT



USAGE (INFLATING/DEFLATING)



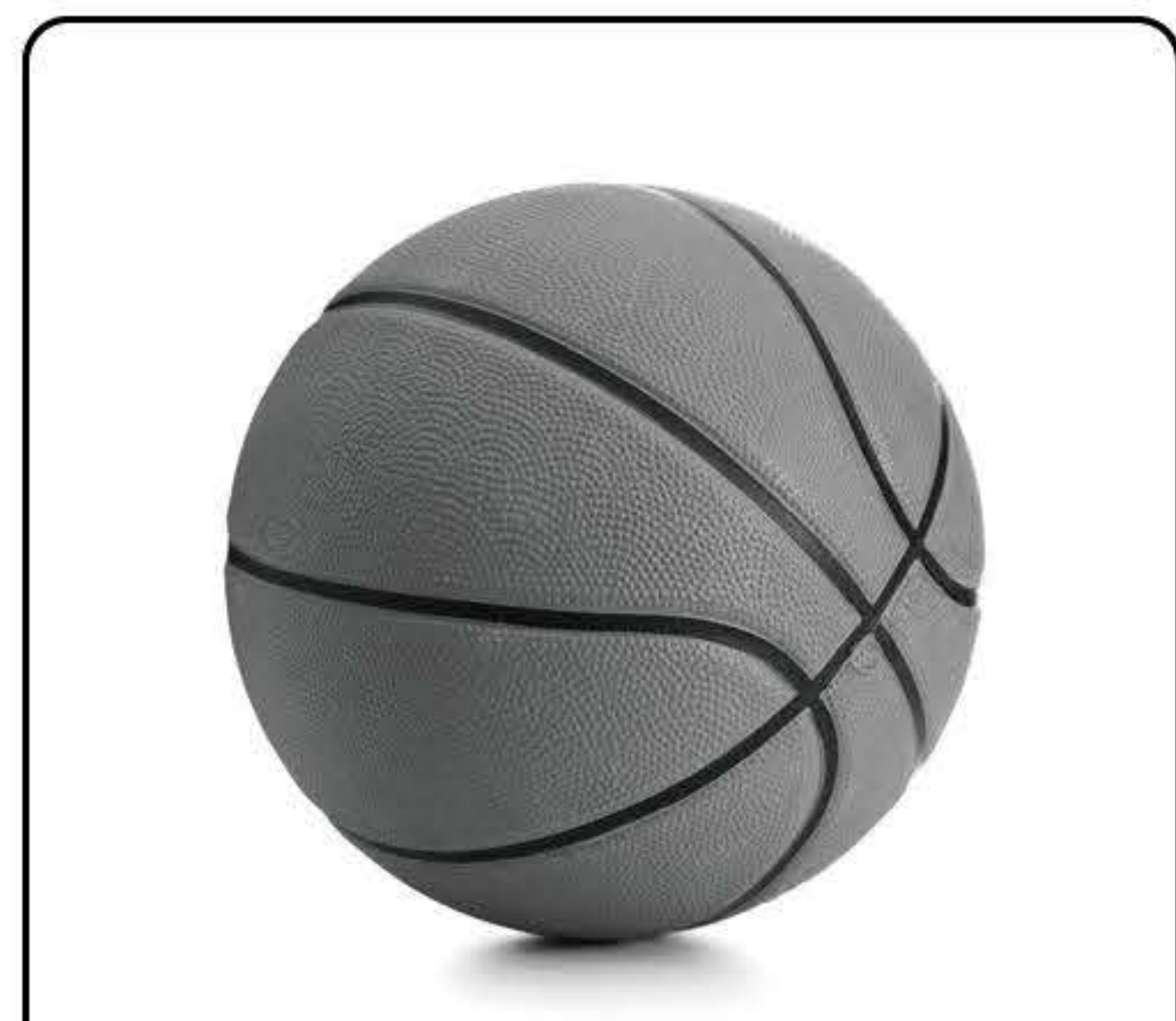
Automobile tires



Motorcycle tires



Bicycle tires



Balls



Life buoy



Air bed



Rubber boat



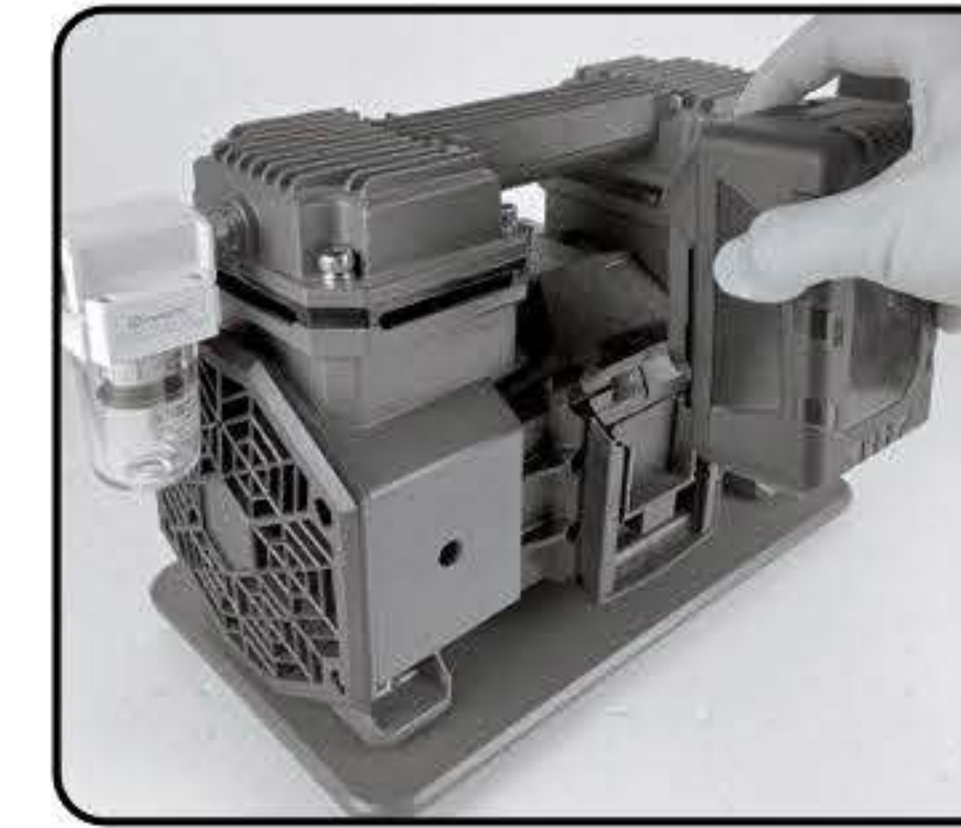
Inflatable tent



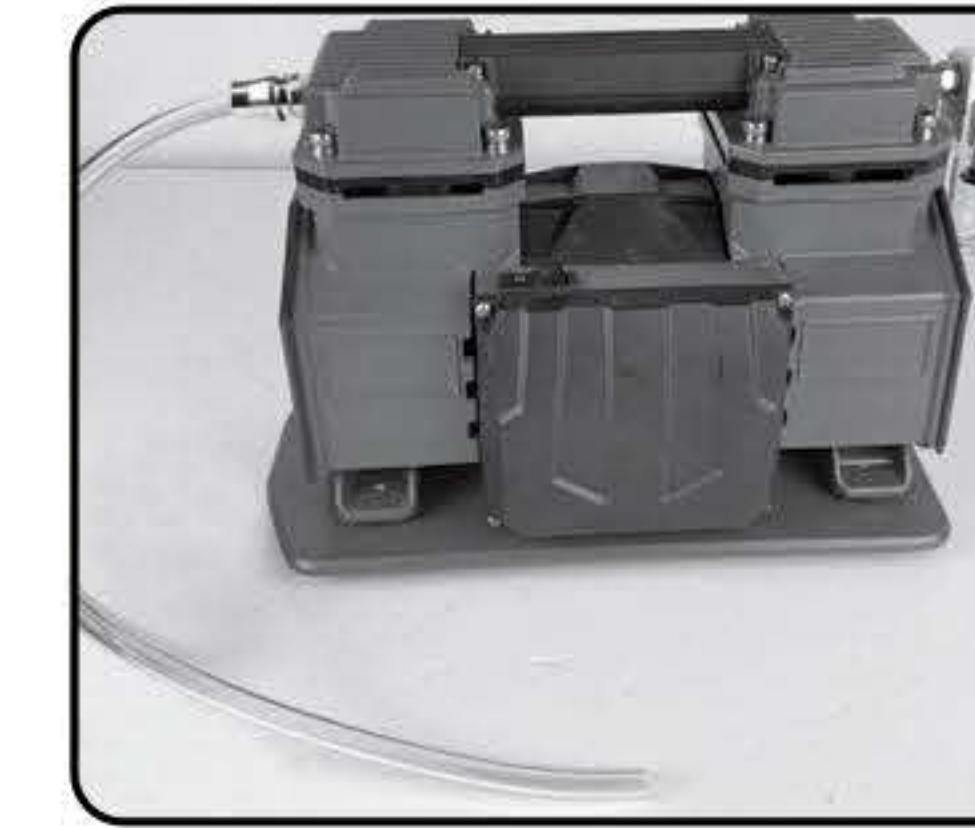
Inflatable swimming pool

INSTALLATION AND USE

1. Inflating mode:



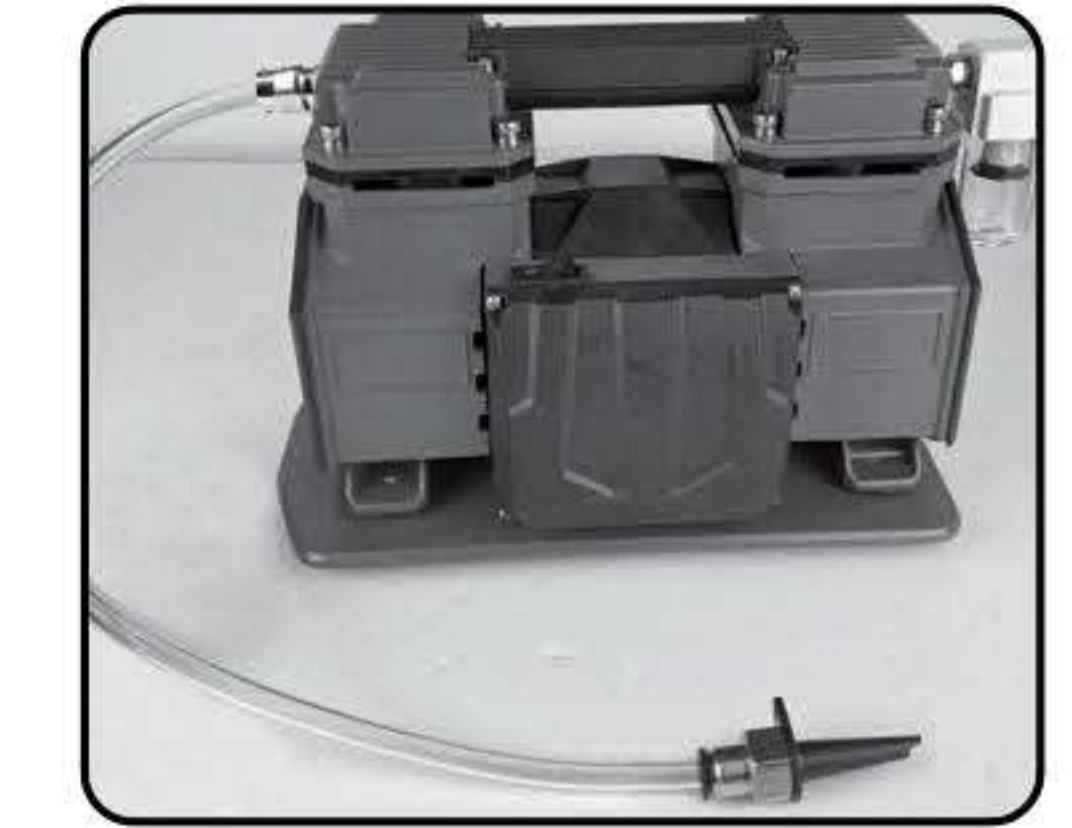
1. Install the battery pack



2. Connect the air inlet to the air pipe

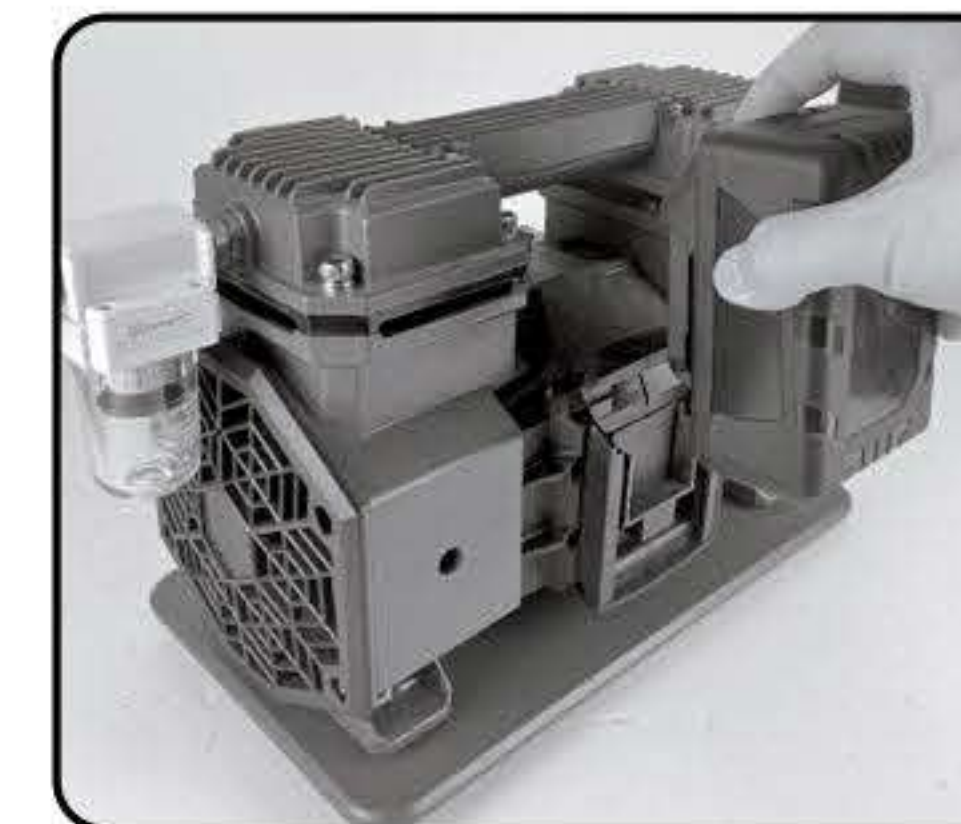


3. Connect the air nozzle



4. Install the required air nozzle

2. Deflating mode:



1. Install the battery pack



2. Connect the air inlet to the air pipe

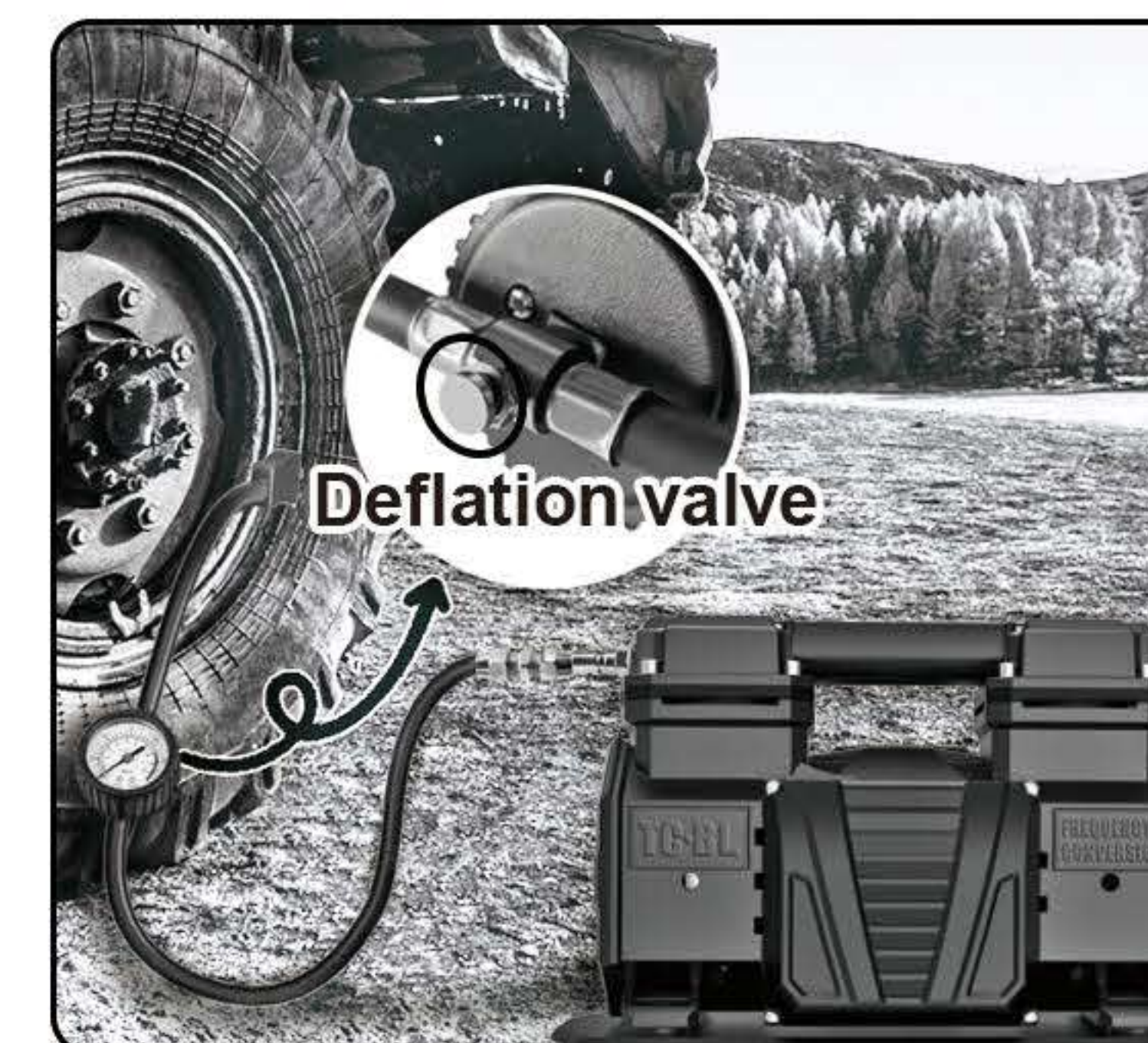


3. Connect the air nozzle interface



4. Install the required air nozzle

MATTERS NEEDING ATTENTION



Deflate the air by pressing the deflated valve when the pressure of tire is too high.

Affected by the air nozzle, It have a difference of 0.07Mpa between the tire gauge and the actual pressure in the tire.

(For example: Tire gauge show 0.32Mpa, the actual pressure of tire is 0.25Mpa)

The displayed value is consistent with the tire pressure after shutdown.

MAINTENANCE AND INSPECTION

1. Keep the machine clean. When cutting off the power supply, please clean the dust and dirt outside the shell with a dry soft cloth, and clean it at least once a month.
2. Please tighten the fixing bolts of the base and shock absorption foot, and put them in a ventilated and clean place.
3. Never touch any components on the machine when the machine is working.
4. This product is a oilfree pump, and lubricating oil is strictly prohibited.
5. When the product is not used for a long time, please clean it up and put it in a ventilated and dry place.