

User's Manual

Yolin

Note: Please read this manual carefully before using the product and properly keep. This machine will produce noise above 75dB while working, please pay attention to protection. The pump and air tube will produce high temperature when working continuously for a long time, please use after cooling. Children are not allowed to use this product.

Accessories



French valve Adapter X 1



Gas Pin X 1



Multifunction Valve X 1



Charging Line × 1



Storage Bag × 1

Product Introduction

Component description



Schrader Valve



High-pressure Tube



Air tube connector



Cooling hole



Light



“” Power



“-” Key



“+” Key



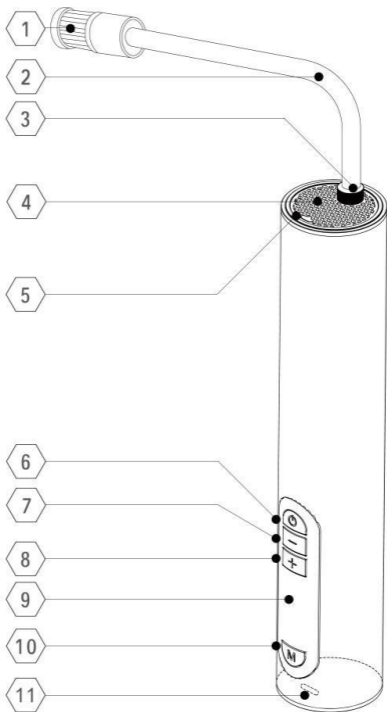
Display screen



“M” Start/Stop Key



Charging Port



Note: The product, accessories and user interface in the manual are schematic diagrams for reference only. Due to the product upgrading, there may be some differences between the product and the schematic diagrams. Please subject to the real product.

Use Guide

1. Air tube installation

Install the high-pressure tube at  tighten the tube

2. Power on



Press and hold the on / off button to start, The air pump automatically shut down without any operation in 3 minutes in power on state.

3. Preset inflation pressure

Mode switch



Press “On/Off” button can be switched between the following five scenarios. Please select the correct air press unit before inflation.



No mode light on: The preset pressure can be adjusted freely. Press and hold “-” key can switch between psi/bar (the value and unit can be memorized)
Adjustable range: 3-150psi



Bicycle mode light on: Default 45 psi
Adjustable range: 30-65psi



Motorcycle mode light on: Default 2.4bar
Adjustable range: 1.8-3.0bar



Automobile mode light on: Default 2.5bar
Adjustable range: 1.8-3.5bar



Ball mode light on: Default 8 psi
Adjustable range: 4-16psi

preset value adjustment



Select a profile, press “+” or “-” to adjust preset value.



When adjusting the preset pressure value, the digital flashing indicates the target pressure adjustment status, long digital light indicates real-time pressure.

4. Inflation

Start inflation



Press “M” start inflation. Digital displays real-time tire pressure during inflation. 75-80 dB noise will be generated during inflation, please pay attention to protect. The pump and air tube will generate high temperature when working continuously for a long time, please avoid prolonged touching with hands.

Stop inflation



The air pressure reaches the preset value, the pump will stop inflation automatically. Press any key to stop inflation during inflation.

5. Battery and charging



When the battery displays fully lit, it is fully charged. E flashing indicates battery low, It can be used after recharged. Don't use the product when charging

6. Screw off the valve

The temperature of tube is relatively high after inflation. Be careful burns when screwing off the valve. There will be slight air leakage when disassembly. Please remove it as quick as possible to reduce the air leakage.



7. Power off

Press and hold the “On/Off” button to shut down.

The air pump automatically shut down without any operation in 3 minutes in power on state.

8. Connection of various types of valve

French valve adapter



Valve type	Connector
	

French valve will be used for road cycling and specific mountain cycling

Inflation: Loosen the screw of French valve adapter to inflation.

Deflation: Loosen the screw of French valve and press the screw to deflate

Air Needle



Valve type	Connector
	

Basketball, football and other balls need to use air needle to inflation.

Inflation: tighten the air needle and American valve and insert into the filling pore to inflation.

Deflation: Insert the air needle in to the filling pore to deflation

American valve

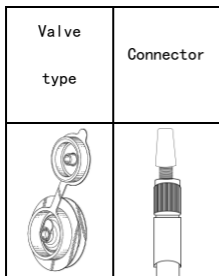
Valve type	Connector
	

Mountain cycling, electric bicycle, motorbike, automobile will be equipped American valve.

Inflation: American valve can be directly connected to inflate.

Deflation: Press the air needle inside the valve with a suitable tool to deflate.

Multifunctional valve



The multifunctional valve will be used for inflatable cushion, inflatable boat and balloon for inflation.

Inflation: Tighten the multifunctional valve and American valve and insert into the filling pore to inflate.

Deflation: insert the multifunctional valve into the filling pore to deflate.

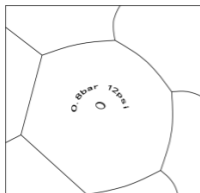
9. Pressure examination

Connecting with air tube, digital displays real-time pressure in power on state.

10. Inflation pressure check

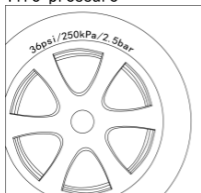
To ensure safety, please check the required inflation pressure of the inflated items by reading the manual before inflation.

Ball



The inflation pressure of football, basketball and volleyball will be marked around the valve.

Tire pressure



The tolerable range of tire pressure of automobile, bicycle and motorcycle are marked on the sidewall of the tires.

The guide pressure of the tire is marked near the inner wall of the driver's side door. The inflation pressure is related to the load weight. For more detailed air pressure suggestions, please refer to the vehicle manual.

Special reminder

The inflation pressure of balloon, toy ball, swimming circle and other products is lower than the range of inflation pump, so it can't stop inflation automatically by preset pressure. Please use with caution.

Safety and protection

■ **stuck/high current protection:** When there is a foreign body inside sticking the motor gear or the motor current is too high, the screen will display E21. The pump will resume normal after clearing the foreign body and reset or reset directly.

■ **Battery over discharge protection:** When the battery is over discharged during inflation, the machine will start the over discharge protection, and the screen will display E22, restart or restart after charging will return to normal

■ **High temperature protection:** When the internal temperature of the body is too high, the high temperature protection mechanism will be activated, the screen displays E23. After the temperature drops to the safe temperature, restart and return to normal.

■ **Inflation duration protection:** After working at 25 °C for about 18 minutes, the inflation will stop automatically and the screen displays E25. restart and return to normal.

■ **Charing temperature protection:** In the process of charging, when the lamp is on, it will enter into the charging temperature protection. When the temperature of standby is maintained at 0 °C ~ 45 °C, it can be charged normally. During the charging process, the lamp will go out automatically.

Recommended inflation pressure for common products

Product category	Product type	Recommended pressure range
Ball	Basketball	7–9psi
	Football	8–16psi
	Volleyball	4–5psi
	American football	12–14psi
Bicycle	12、14、16-inch bicycle tire	30–50psi
	20、22、24-inch bicycle tire	40–50psi
	26、27.5、29-inch mountain cycle tire	45–65psi
	700c clincher tire road bike	100–130psi
	700c tube tire road bike	120–145psi
Motor bike	Motor bike, electric bike	1.8–3.0bar
Vehicle	Small car tire	2.2–2.8bar

Note: The recommended inflation pressure range is for reference only.

Please refer to the instruction manual of the inflated product.

Note


1. This product is not a toy. Children are not allowed to use. It is recommended that the user should be over 16 years old. Keep children at a safe distance from the pump during inflation.
2. The product has built-in non detachable lithium battery. It is forbidden to throw into the fire or discard at will. There is a risk of fire, spontaneous combustion, explosion if lithium battery overheats, hits or waters. Please avoid exposure to the sun in high temperature environment such as in the car.
3. The storage temperature of the product should not be lower than -10°C or higher than 45°C . Supercooling or overheating will shorten the product life and damage the built-in battery.
4. The battery may be damaged if the product is idle for a long time. It is recommended to charge the battery at least once every three months.
5. The product has built-in DC motor, which may produce electric spark when working. Please do not use it in flammable and explosive environment.
6. In case of abnormal noise or high temperature, please shut down immediately.
7. Before setting the inflation pressure value, please make sure that the correct unit of measurement is selected, otherwise it may lead to tire burst and other accidents. Unit conversion: $1\text{bar}=14.5\text{psi}$, $1\text{bar}=1000\text{kPa}$.
8. Don't leave during inflation and observe the inflation process to prevent the inflation pressure from being too high when the preset air pressure is not settled.
9. Please use in a dry and clean environment, the invasion of sand and dust may cause product damage. The product is not waterproof, do not wash with water.

Trouble Shooting

Failure mode	Exclusion method
Inflation slow	<ol style="list-style-type: none">1. Is the electricity enough2. Check whether the tube leakage3. Check whether the joints at both ends of the tube are tightened4. Check whether there is air leakage in the inflated items
Turn on but cannot be inflated	<ol style="list-style-type: none">1. Is the electricity enough2. Check whether the current tire pressure is higher than the preset value3. When the internal temperature of the body is higher than 80 °C, the protection will be opened automatically (E23 is displayed). The equipment return to normal operating temperature.
The preset pressure cannot be adjusted up or down	Check if in the incorrect profile. Select the range of 3-150psi without any icon on to adjust the preset value

Normal inflation but the pressure is zero	Low pressure inflatable products such as balloons are not within the measurable range of the equipment
Unable to charge	When the body temperature is lower than 0 °C or higher than 45 °C, the charging pump enters the state of charging temperature protection to keep the body temperature at 0 ~ 45 °C
Air leakage when connecting the tube	Tighten the tube
The power display and standby state are inconsistent in the inflation state	The voltage of power lithium battery decreases obviously during discharge, As a result, the power display in the inflation state is inconsistent with the standby state which is not a fault.

Basic Parameters

Product name	Yolin intelligent pump
Product mode	YLBP
Product size	243mm×45mm (bare size without tube)
Pressure range	0.2~10.3bar/3~150psi
Working temperature	Charge: 0°C~40°C, discharge: 20°C~45°C
storage temperature	-10°C~45°C
Tube size	Tube length:260mm, valve include without thread
Working noise	Less than 80dB at a distance of 1m
Input parameter	5V  500mA
Charging interface	Micro-USB

Yolin intelligent pump warranty

instruction

According to Law of the people's Republic of China on the protection of consumers' rights and interests and Law of the People's Republic of China on Product Quality, we provide repair, replacement and compensation of faulty products as following:

1. Within 7 days from the day after you sign in, if the product has any performance failure listed in the performance fault table of Yolin intelligent pump, it can be detected and confirmed by Yolin after-sales service center, and you can enjoy the service of returning or exchanging goods free of charge.
2. Within 8-15 days from the day after you sign in, if the product has any performance failure listed in the performance fault table of Yolin intelligent pump, it can be detected and determined by Yolin after-sales service center, and you can enjoy free replacement or maintenance service
3. Within 12 months from the day after you sign in, the product has the performance failure listed in the Yolin intelligent pump product performance failure table, which is determined by Yolin after-sales service center, and you can enjoy free maintenance service.

Yolin intelligent pump performance failure

Name	Performance failure
Yolin Intelligent pump	<ol style="list-style-type: none">1.unable to power on2.unable to inflate3.unable to test tire pressure4.Incomplete or no display on digital screen5.air leakage6.the lamp doesn' t work7.unable to charge

Non warranty regulations

- 1. Unauthorized maintenance, misuse, collision, negligence, abuse, liquid injection, accident, alteration, incorrect use of accessories that are not part of this product or tearing and altering labels;**
 - 2. The validity for repair, replacement and compensation of faulty products has been expired;**
 - 3. Damage caused by force majeure;**
 - 4. Not conform to the performance failure listed in the product performance failure table;**
 - 5. The performance failure listed in the product performance failure table of this product and its accessories is caused by human factors.**
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