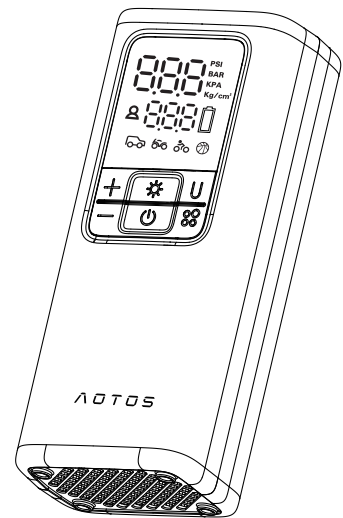


AOTOS

# Smart Tire Inflator Manual



Model: LP17

## Smart Tire Inflator

Thank you for purchasing portable smart tire inflator. Please read this user manual carefully before using the product and keep it properly for reference in the future.

### △WARNING:

1. Do not leave during inflation.
2. Please do not put the electric pump near inflammable and explosive items.
3. Try to avoid moist, sediment invasion and fall.
4. Do not store the product in a place that is too cold, too hot or too humid.
5. Built-in lithium battery, Do not throw the product into the fire or throw it away casually.
6. Keep the product away from the children.

## Packing List

1 x Smart Tire Inflator	1 x Ball needle
1 x Schrader Valve air hose	1 x Presta Valve
1 x Type-C Cable	1 x Manual

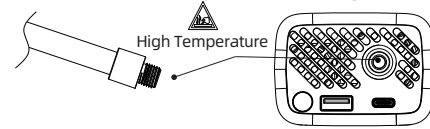
## Specification

Product Name	Smart Tire Inflator
Product Model	LP17
Product Dimension	2.59x1.81x6.29 inch
Product Net Weight	0.94 lbs
Inflation Pressure	2~150 PSI
Working Temperature	-10~45°C
Charging Temperature	0~45°C
Battery Power	14.8Wh/7.4V
Input Parameter	DC 5V/2A
USB Output	DC 5V/2A

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## High Temperature Safety Precautions

When unscrewing the air hose, the air hose and the air hose connector will generate high temperature due to long working time. Do not touch the air hose with your hands for a long time.



## Common products air pressure

Product Category	Product Type	Pressure Range
The bicycle	Children's toy car	18~30PSI
	10-16 inches tires	30~45PSI
	20-30 inches tires	38~55PSI
	Road bike	100~120PSI
The motorcycle	Xiaomi 9th balance car	40~60PSI
	A wheelchair moped	30~45PSI
	Motorcycles/ Electric motorcycles	1.8~3.0BAR
Car	Small sedan car	2.2~2.8BAR
	Children toy ball	3~6PSI
The ball	Basketball	7~9PSI
	Football	10~12PSI
	Volleyball	4~6PSI
	Rugby	10~14PSI

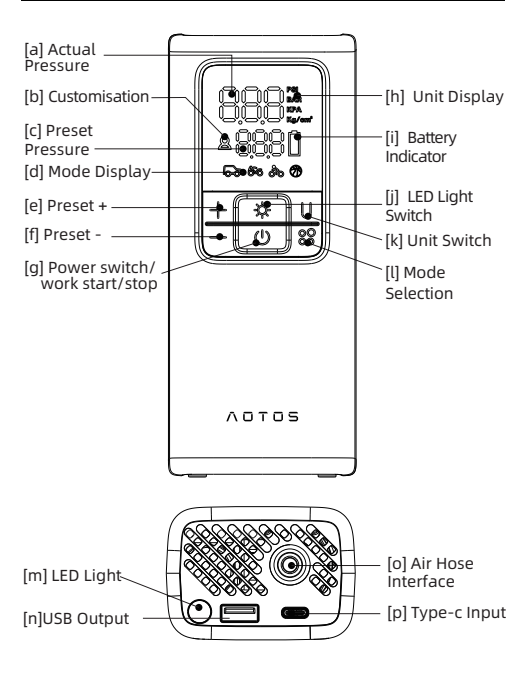
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## Malfunction Clearing

Malfunction	Trouble shooting
Slow inflation	1. Whether the electricity is sufficient. 2. Check the air hose for air leaks. 3. Check whether the connecting parts at both ends of the air hose are tightened. 4. Check inflated items for air leaks.
It has been turned on but cannot inflate	1. Whether the electricity is sufficient. 2. Check whether the current tire pressure is higher than the preset value.
The preset pressure cannot be turned up or down	Check whether the inflating mode is correct. Select custom mode to adjust preset values from 2-150 psi.
Inflation is normal but the pressure is shown to be 0	1. Low pressure products such as balloons are not within the measurable range of this equipment. 2. In the case of empty tire, the tire pressure value can be shown only by inflating the tire for a short period of time.
After twisting the air nozzle, the tire pump has automatically shut down	3 minutes automatic shutdown, long press the start button to start again
There is air leakage when connecting the air hose	Tighten the air hose
The color of the power indicator in the inflation state is different from that in the standby state	There is an obvious voltage drop in the discharge process of the lithium battery, which leads to the color inconsistency between the indicator light in the charging state and the standby state. This phenomenon is not a fault.
The power indicator is off after charging	Replace the safety-compliant charging cable and adapter to charge again.

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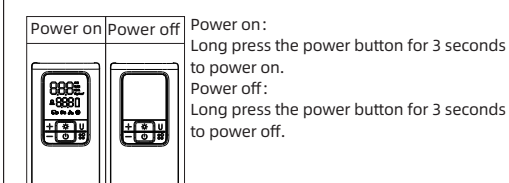
## User Guide



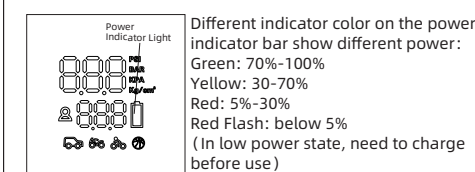
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## User Guide

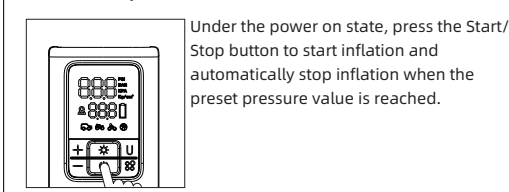
### 1. Power on and off



### 2. Battery Indicator

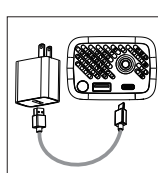


### 3. Start/Stop Button



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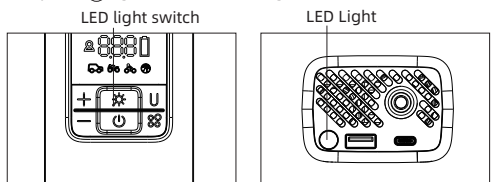
## 4. Charging Type



Connect the charging cable to the pump and the power adapter (you need to buy your own) to charge the pump. Power indicator bar in charging state: Indicator bar flashing: charging. When the indicator bar is steady green light: it is full. Tips: Do not use the pump during charging.

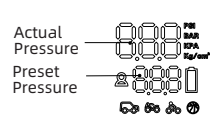
## 5. LED Light

Press the light button to turn on the light, short press again to turn on the flash light, press again to turn on the SOS light, and press again to turn off the light.



## 6. Check the air pressure

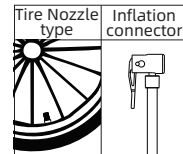
When the air pump is on, after the air hose is connected to the inflation pressure detection object, the figure in the upper part of the air pump display is the measured pressure value.



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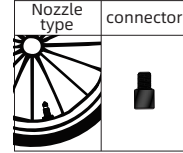
## 7. Connect the air hose to the air nozzle

### Schrader Valve



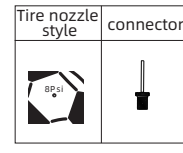
Connect the compression air pipe to the tire air valve, press the handle of the compression air pipe to lock the interface to prevent air leakage during inflation, and then click the air pump on/off button to inflate the tire.

### Presta Valve Adapter



Just connect the tire air valve directly to the inflation port of the product with the French air valve, and it can be inflated.

### Ball needle



Just connect the air hole of the ball directly to the inflation port of the product with a ball needle, and it can be inflated.

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## 8. Unit switch

After short press unit switch key U, you can switch the pressure display unit. Unit conversion formula as: 1PSI=6.89KPA 1BAR=100KPA 1Kg/cm²=98 KPA.

## 9. Application scenario switch

Press the working mode key to select 5 inflatable scene modes, as:

Scene Mode	Reference Default Values	Adjustable Range
Car mode	35PSI	2.0-65PSI
Motorcycle mode	40PSI	2.0-55PSI
Bicycle mode	38PSI	2.0-150PSI
Ball mode	8PSI	2.0-15.0PSI
Custom Mode	100PSI	2.0-150PSI

## 10. Preset Pressure

Short Press: When below 100PSI, adjust the preset pressure +/-0.5PSI. When above 100 psi, adjust preset pressure +/-1PSI. Long press: To quickly adjust the preset pressure. Note: The inflator will automatically save scene switching and preset pressure value. When you use it next time, you only need to switch scene and preset pressure value will be automatically set.

## 11. Pressure reset

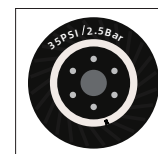
When the measured pressure value is not 0.0, press the key at the same time for 2 seconds, and the display will return to normal after the full light. Note: This product will be reset after leaving factory. Due to the difference of altitude or sensor, when the measured pressure value is not 0, manual reset can improve the pressure accuracy. Calibration not recommended at high temperature.

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## 12. Inflation Pressure Reference

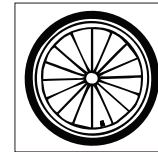
To ensure safety, please read the instruction manual to check the required air pressure of the inflatable items before inflating to avoid personal injury caused by explosion of overinflation.

### Car Tire



The range of air pressure that a car's tires can withstand is marked on the side of the tires. The inflation pressure is related to the weight of the load. For more detailed pressure advice, please refer to the manual of the relevant vehicle.

### Bicycle Tire



The range of air pressure that a bike's tires can withstand is marked on the side of the tires. The inflation pressure is related to the weight of the load. For more detailed pressure advice, please refer to the manual of the relevant vehicle.

### Balls



The inflating pressure of football, basketball, volleyball and other balls is marked around the inflating hole. The inflation pressure is related to the weight of the load. For more detailed pressure advice, please refer to the instruction manual of the relevant balls.

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## 12. IMPORTANT SAFETY INSTRUCTIONS

### △ WARNING

When using this product, basic precautions should always be followed, including the following:

- a) Read all the instructions before using the product.
- b) To Reduce the Risk of Injury, close supervision is necessary when the product is used near children.
- c) Do not put fingers or hands into the product.
- d) Do not expose product to rain or snow.
- e) Do not expose product to heat or fire. Do not store in direct sunlight or in a vehicle.
- f) Use of a power supply or charger not recommended or sold by product manufacturer may result in a risk of fire or injury to persons.
- g) Do not use the product in excess of its output rating. Overload outputs above rating may result in a risk of fire or injury to persons.
- h) Do not use the product that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- i) Do not disassemble the product. Take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or injury to persons.
- j) Do not expose a product to fire or excessive temperature. Exposure to fire or temperature above +45 °C may cause explosion. + Shall be replaced with the temperature specified by the manufacturer.
- k) Have servicing performed by a qualified service or repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- l) Switch off the power bank when not in use.

SAVE THESE INSTRUCTIONS

Manufacturer: SINO MEGWELL TECH INC  
Add: 20153 Paseo Del Prado, Walnut, CA 91789

