

QICYCLE P1

QiCYCLE P1 Portable Air Compressor User Manual

Model: P1

1. INTRODUCTION

The QiCYCLE P1 is a high-performance wireless portable air compressor designed for quick and efficient inflation of various items. Equipped with a 120W high-efficiency motor, it can reach a maximum inflation pressure of 150 PSI (10.3 bar) with an airflow of up to 32L/min. This device features a built-in 7800mAh Li-ion battery, an automatic stop function, and can also serve as a 5000mAh power bank and an emergency LED flashlight. Its robust construction ensures durability and safety.

2. SAFETY INFORMATION

- Read all instructions carefully before use.
- Keep out of reach of children.
- Do not operate the compressor in wet conditions or near flammable liquids or gases.
- Ensure the air hose is securely connected before starting inflation.
- Do not over-inflate items. Always refer to the manufacturer's recommended pressure.
- Avoid prolonged continuous operation to prevent overheating. Allow the device to cool down if it becomes hot.
- Use only the provided charging cable and adapters.
- Do not disassemble or attempt to repair the device yourself. Contact customer support for assistance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x QiCYCLE P1 Tire Inflator
- 1 x Air Tube (with Schrader valve)
- 1 x Presta Valve Adapter
- 1 x Ball Needle Adapter
- 1 x USB-C Charging Cable
- 1 x Storage Bag
- 1 x User Manual



Image: Contents of the QiCYCLE P1 package, including the inflator, air tube, various adapters, USB-C cable, storage bag, and user manual.

4. PRODUCT OVERVIEW

Key Features:

- **Fast Inflation:** 120W motor, up to 150 PSI / 10.3 bar, 32L/min airflow. Inflates a 205/55 R16 tire from 0 to 2.5 bar in approximately 5 minutes and 52 seconds.
- **High Capacity Battery:** Integrated 7800mAh (3x2600mAh) Li-ion battery for extended use. Fully charges in about 3 hours via USB-C.
- **5 Preset Modes & Automatic Stop:** Includes modes for Car, Motorcycle, Bicycle, Ball, and a Manual

mode. Automatically stops when the preset pressure is reached to prevent over-inflation.

- **LCD Display & Real-time Monitoring:** High-definition LCD shows real-time tire pressure data. Supports auto-calibration at high altitudes.
- **Multi-functional Device:** Functions as a 5000mAh power bank (5V/2A USB-A output) and an emergency LED flashlight (long-duration light and SOS flashing).
- **Durable Construction:** Features zinc alloy cast cylinders, heat-resistant PC shell, and a 350mm vulcanized rubber hose for enhanced durability and safety.

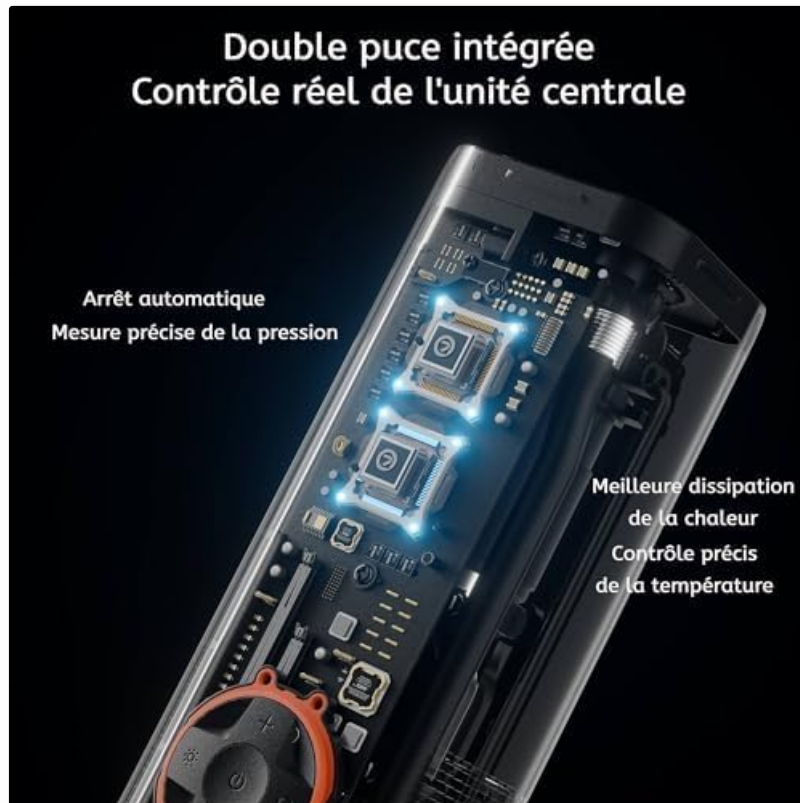


Image: Internal view of the QiCYCLE P1, highlighting the dual integrated chips for precise control and heat dissipation.

5. SETUP

5.1 Charging the Device

1. Connect the provided USB-C charging cable to the charging port on the QiCYCLE P1.
2. Connect the other end of the USB-C cable to a compatible USB power adapter (not included) or a power source.
3. The battery indicator on the LCD screen will show the charging status. A full charge typically takes about 3 hours.
4. It is recommended to fully charge the device before first use.

5.2 Attaching the Air Hose and Adapters

1. Screw the air tube securely onto the inflation port at the top of the compressor.
2. For Schrader valves (common on cars, motorcycles, and some bicycles), the air tube can be directly connected.
3. For Presta valves (common on road bikes), screw the Presta valve adapter onto the Presta valve, then

attach the air tube to the adapter.

4. For balls, screw the ball needle adapter onto the air tube, then insert the needle into the ball's valve.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- To power on: Press and hold the power button (**U**) for 2 seconds.
- To power off: Press and hold the power button (**U**) for 2 seconds. The device will also automatically power off after a period of inactivity.

6.2 Selecting Inflation Mode

The QiCYCLE P1 offers 5 preset inflation modes:

1. With the device powered on, press the mode button (**M**) to cycle through the available modes: Car, Motorcycle, Bicycle, Ball, and Manual.
2. Each mode has a default pressure range. The manual mode allows for custom pressure settings from 3-150 PSI.

5 MODES PRÉDÉFINIS & ARRÊT AUTOMATIQUE



Voiture :
1.8-3.5 bar



Moto :
1.8-3.0 bar



Vélo :
30-145 PSI



Ballon :
4-16 PSI



Mode manuel :
3-150 PSI



Image: Display showing the 5 preset inflation modes: Car (1.8-3.5 bar), Motorcycle (1.8-3.0 bar), Bicycle (30-145 PSI), Ball (4-16 PSI), and Manual (3-150 PSI).

6.3 Setting Target Pressure

- After selecting a mode, use the '+' and '-' buttons to adjust the target pressure.
- Press the 'U' button briefly to switch between pressure units (PSI, BAR, KPA).
- In Manual mode, the device remembers your last set pressure.

6.4 Starting and Stopping Inflation

1. Remove the valve cap and securely connect the air tube to the item's valve.
2. Select the desired mode and set the target pressure.
3. Press the power button (**U**) to start inflation. The real-time pressure will be displayed.
4. The compressor will automatically stop once the target pressure is reached.
5. To manually stop inflation, press the power button (**U**) again.
6. Carefully disconnect the air tube from the valve.



Image: Step-by-step guide for inflation: 1) Remove valve cap and connect, 2) Select mode and set pressure, 3) Press power button to start inflation.

6.5 Power Bank Function

- The QiCYCLE P1 can act as a 5000mAh power bank.
- Connect your mobile device or other USB-powered gadget to the USB-A output port (5V/2A) on the compressor using a compatible USB cable.
- The device will begin charging your external device.

BATTERIE EXTERNE D'URGENCE

5000mAh en sortie dans ce mode



Image: The QiCYCLE P1 being used as a power bank to charge a smartphone via its USB-A output port.

6.6 LED Flashlight Function

- Press the flashlight button (light bulb icon) to turn on the LED light.
- Press again to cycle through different light modes (e.g., steady light, SOS flashing).
- Press a third time to turn off the LED light.

7. MAINTENANCE

- **Battery Care:** If the device is not used for an extended period, it is recommended to recharge the battery every six months to maintain its performance and prolong its lifespan.
- **Cleaning:** Wipe the exterior of the compressor with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the compressor in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided storage bag to protect it from dust and damage.

- **Hose Inspection:** Regularly inspect the air hose for any signs of wear, cracks, or damage. Replace if necessary.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on	Low battery; Power button not pressed long enough	Charge the device; Press and hold the power button for 2 seconds
Slow inflation or no inflation	Air hose not securely connected; Low battery; Leak in the valve/hose	Ensure secure connections; Charge the device; Check for leaks and replace hose if damaged
Inaccurate pressure reading	Sensor calibration needed; Extreme altitude changes	The device features auto-calibration; If persistent, contact support
Device overheats and shuts down	Prolonged continuous use	Allow the device to cool down for at least 10-15 minutes before resuming use
Power bank not charging external device	Low battery; Incompatible cable; External device not recognized	Charge the compressor; Try a different USB cable; Ensure external device is compatible

9. SPECIFICATIONS

Feature	Specification
Model Number	P1
Brand	QICYCLE
Color	Black
Material	Metal, Plastic
Item Weight	850 Grams
Product Dimensions (L x W x H)	6.4L x 6.4W x 20.1H centimeters
Power Source	Battery Powered
Airflow Capacity	32 Liters per minute

Feature	Specification
Maximum Pressure	150 PSI (Pound per square inch)
Operating Mode	Automatic
Voltage	11.1 Volts
Hose Length	350 Millimeters
Battery Capacity	7800mAh (3x2600mAh)
Power Bank Output	5V/2A (USB-A)
UPC	607986637567

10. WARRANTY AND SUPPORT

10.1 Warranty Information

QiCYCLE products come with a 12-month worry-free warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

10.2 Customer Support

For any questions, suggestions, or technical assistance, please do not hesitate to contact our customer service team. We offer 7x24 hour pre-sales and after-sales support.

Contact Information:

- Email: support@qicycle.com
- Phone: +86 199 2515 4063