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> QCHMM Electric Bicycle Pump 120PSI Instruction Manual

## QCHMM Electric Bicycle Pump 120PSI

# QCHMM Electric Bicycle Pump 120PSI Instruction Manual

Model: Electric Bicycle Pump 120PSI

## 1. INTRODUCTION

Thank you for choosing the QCHMM Electric Bicycle Pump. This portable and versatile pump is designed to provide efficient and accurate inflation for various items, including bicycle tires, motorcycle tires, and sports balls. Featuring a digital pressure gauge, auto-off function, and multiple pressure modes, it ensures safe and convenient use. Please read this manual carefully before operation to ensure proper use and maintenance.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Electric Bicycle Pump ×1
- Flexible Air Hose ×1
- Air Nozzle ×1
- Presta Valve Adapter ×1
- Ball Needle ×1
- Spare Seal ×1
- USB C Charging Cable ×1
- Instruction Manual ×1

## What's in The Box



Air Pump



Hose



Air Nozzle



Presta Valve Adaptor



Spare Seal



USB Cable



Ball Needle

Image: All components included in the QCHMM Electric Bicycle Pump package, neatly arranged.

### 3. PRODUCT FEATURES

**Digital Pressure Gauge & Memory Function:** The pump features a clear digital display for precise pressure monitoring (3-150 PSI). It remembers your last set PSI/BAR value, eliminating the need for repeated adjustments.

# REAL TIME PRESSURE DISPLAY



Image: A hand holding the QCHMM pump, showing its digital display with real-time pressure readings.

**Auto-Off Safety:** The pump automatically stops when the preset pressure is reached, preventing over-inflation and ensuring safety.

**Multiple Pressure Modes & Units:** Choose from 3 preset modes (bike, motorcycle, ball) and switch between PSI and BAR units by long-pressing the 'Cycle' button.



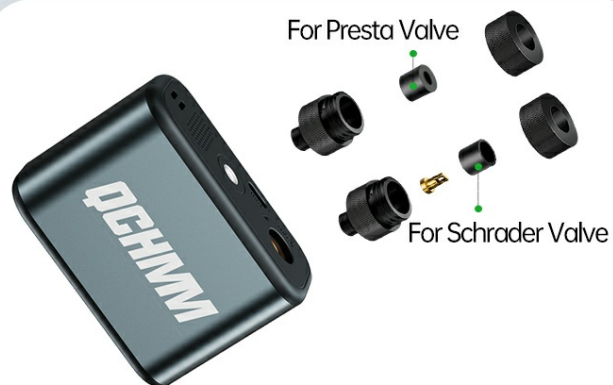
Image: The QCHMM pump displaying its three pressure modes for bike, motorcycle, and ball inflation.

**Universal Valve Compatibility:** Compatible with both Presta and Schrader valves, making it suitable for a wide range of bicycles.

## TWO INFLATION WAYS



With Air Hose



With Air Nozzle

Image: A visual guide illustrating how to connect the pump using an air hose for Schrader and Presta valves, and directly with an air nozzle.

**Compact & Portable:** Measuring 8.1 cm x 5.8 cm x 3.5 cm and weighing 182g, this mini pump is designed for maximum portability, fitting easily into a pocket or backpack.

# POCKET SIZE

With LED Light



Image: A hand holding the QCHMM pump, highlighting its small dimensions and light weight.

**Integrated LED Light:** Equipped with an LED light for improved visibility in low-light conditions, also serving as an emergency light.








**LED LIGHT**

Image: The QCHMM pump's LED light is shown illuminating a bicycle tire in a dark setting.

**Long-Lasting Battery:** The 600mAh battery allows for multiple inflations on a single charge, ensuring readiness for long rides.

**LONG LASTING BATTERY POWER**

 <b>Brushless Motor</b>	 <b>5.52 BAR</b> (0-80 PSI) <b>X5</b>	
 <b>600mAh Battery</b>	 <b>7.58 BAR</b> (0-100 PSI) <b>X3</b>	

700C25 Rode Bike Tire

Image: A graphic detailing the battery performance, showing how many tires can be inflated on a full charge for different sizes.

**USB-C Charging:** Convenient USB-C charging port for easy recharging.

**USB C CHARGING PORT**  
600mAh Battery Power



**Cycle Light**  
Charging



**Stop Cycle**  
Full Charge



Image: A detailed view of the pump's USB-C charging port and charging indicator lights.

## 4. SETUP AND INSTALLATION

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### 4.1 Charging the Pump

1. Connect the provided USB C charging cable to the pump's charging port.
2. Connect the other end of the cable to a suitable USB power adapter (not included).
3. The battery indicator on the display will show charging status. Ensure the pump is fully charged before first use.

### 4.2 Attaching to Presta Valve

1. Unscrew the Presta valve cap and loosen the valve core nut.
2. Screw the Presta valve adapter onto the Presta valve stem.
3. Connect the flexible air hose to the pump and then screw the other end onto the Presta valve adapter.
4. Ensure all connections are secure to prevent air leakage.

Your browser does not support the video tag.

Video: Demonstration of installing the pump onto a Presta valve for inflation.

### 4.3 Attaching to Schrader Valve

1. Unscrew the Schrader valve cap.
2. Connect the flexible air hose directly to the Schrader valve.
3. Ensure the connection is secure.

### 4.4 Attaching to Ball Needle / Air Nozzle

1. Screw the ball needle or air nozzle onto the flexible air hose.
2. Insert the needle/nozzle into the item to be inflated.

## 5. OPERATING INSTRUCTIONS

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1. **Power On:** Press and hold the power button to turn on the pump. The display will show the current pressure.
2. **Select Mode:** Press the 'Mode' button (usually represented by a cycle icon) to cycle through the preset modes: Bicycle, Motorcycle, and Ball. Each mode has a default pressure range.
3. **Adjust Target Pressure:** Use the '+' and '-' buttons to set your desired target pressure. The pump has a memory function and will recall the last set pressure for each mode.
4. **Change Pressure Units:** Long-press the 'Cycle' button to switch between PSI and BAR units.
5. **Start Inflation:** Press the power button again to start inflation. The pump will automatically stop once the target pressure is reached.
6. **Stop Inflation Manually:** You can press the power button at any time to stop the inflation process manually.
7. **LED Light:** Press the LED light button (if available, often integrated with power or mode button) to turn on/off the light.
8. **Power Off:** Press and hold the power button to turn off the pump.

# POWERFUL INFLATION



**6.89 BAR**  
(0-100 PSI)

**X5**



**7.58 BAR**  
(0-110 PSI)

**X3**

Image: The QCHMM pump actively inflating a tire, with a graphic indicating powerful inflation capabilities and battery life for different tire sizes.



Image: The QCHMM pump inflating a road bike tire, highlighting its fast inflation speed (e.g., under 52 seconds for 0-80 PSI).

## 6. MAINTENANCE

- Keep the pump clean and free from dust and debris.
- Store the pump in a dry place, away from direct sunlight and extreme temperatures.
- Regularly check the air hose and adapters for any signs of wear or damage. Replace if necessary.
- Charge the pump at least once every three months if not in regular use to maintain battery health.
- Do not attempt to disassemble or repair the pump yourself. Contact customer support for assistance.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	Low battery or no charge.	Charge the pump using the USB C cable.

Problem	Possible Cause	Solution
Pump inflates slowly or not at all.	Air leakage from connections; hose or valve damaged.	Ensure all connections are tight. Check hose and valve for damage. Replace spare seal if needed.
Inaccurate pressure reading.	Loose connection; sensor malfunction.	Ensure the connection to the valve is secure. If problem persists, contact customer support.
Pump stops unexpectedly.	Target pressure reached; low battery; overheating.	Check if target pressure is met. Recharge battery. Allow pump to cool down if it feels hot.

## 8. SPECIFICATIONS

Feature	Detail
Brand	QCHMM
Model Color	Black
Main Material	Plastic
Power Source	Electric Cable (USB C)
Battery Type	Lithium-ion (600mAh)
Max Pressure	150 PSI
Product Dimensions	8.1 cm x 5.8 cm x 3.5 cm
Product Weight	182 grams

## 9. SAFETY INFORMATION

- Keep out of reach of children.
- Do not use the pump in wet conditions or immerse it in water.
- Avoid prolonged exposure to direct sunlight or high temperatures.
- Do not point the air nozzle at people or animals during operation.
- Ensure the correct pressure is set for the item being inflated to prevent damage or injury.
- Use only the provided or recommended charging cable.