

[Manuals.plus](#) /

› [CooSpo](#) /

› COOSPO X1 Mini Electric Bicycle Pump User Manual

CooSpo X1

COOSPO X1 Mini Electric Bicycle Pump User Manual

Model: X1

1. INTRODUCTION

Thank you for choosing the COOSPO X1 Mini Electric Bicycle Pump. This compact and efficient pump is designed to provide quick and accurate tire inflation for various bicycles and sports equipment. Featuring a digital display, auto-stop function, and versatile valve compatibility, the X1 ensures a reliable and convenient inflation experience. Please read this manual thoroughly before use to ensure proper operation and maintenance.

2. PRODUCT OVERVIEW

2.1 Package Contents

- X1 Electric Bicycle Pump x1
- Presta Valve Adapter x1
- High-Pressure Flexible Hose (with Schrader Valve x1) x1
- USB Type-C Charging Cable x1
- Needle Valve Adapter (for balls) x1

2.2 Device Components

The COOSPO X1 pump features a clear digital LCD display, control buttons for pressure adjustment and power, and a charging port. Refer to the image below for a visual guide to the pump's components.



Image: COOSPO X1 pump showing digital display and control buttons.

The digital display shows real-time pressure and battery level. Buttons allow for increasing/decreasing preset pressure and powering the pump on/off.

3. SETUP

3.1 Charging the Pump

Before first use, fully charge the pump. Connect the provided USB Type-C cable to the pump's charging port and a compatible USB power source (e.g., wall adapter, power bank). The battery indicator on the display will show charging status. A full charge takes approximately 40 minutes.



Image: COOSPO X1 pump connected to a USB-C charging cable, illustrating the charging process.

A 15-minute charge can inflate one full road bike tire (700x23C, 0-110 PSI).

3.2 Attaching the Flexible Hose and Adapters

Screw the flexible high-pressure hose securely onto the pump's output port. Depending on your tire valve type, attach the appropriate adapter to the other end of the flexible hose.

- **Schrader Valve:** The flexible hose comes with a Schrader valve connector pre-installed.
- **Presta Valve:** Screw the Presta valve adapter onto the Schrader connector of the flexible hose.
- **Needle Valve (for balls):** Screw the needle valve adapter onto the Schrader connector of the flexible hose.



Image: Illustration of the pump's compatibility with Presta, Schrader, and needle valves using different adapters.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press and hold the power button (usually the center button) to turn the pump on or off. The LCD screen will illuminate upon activation.

4.2 Setting Desired Pressure

Once powered on, the display will show the current tire pressure. Use the '+' and '-' buttons to adjust the target pressure. The pump supports a maximum pressure of 120 PSI. The unique atmospheric pressure sensor automatically calibrates upon startup, ensuring accurate inflation at any altitude.



Image: The COOSPO X1 pump's digital display showing real-time pressure, preset pressure, and battery level indicators.

4.3 Connecting to the Valve and Inflating

1. Ensure the correct valve adapter is attached to the flexible hose.
2. Securely connect the adapter to your tire's valve stem. For Presta valves, ensure the valve core is unscrewed before attaching the adapter.
3. Press the power button to start inflation. The pump will automatically stop once the preset pressure is reached.
4. After inflation, quickly disconnect the adapter from the valve stem.

AMPIA COMPATIBILITÀ

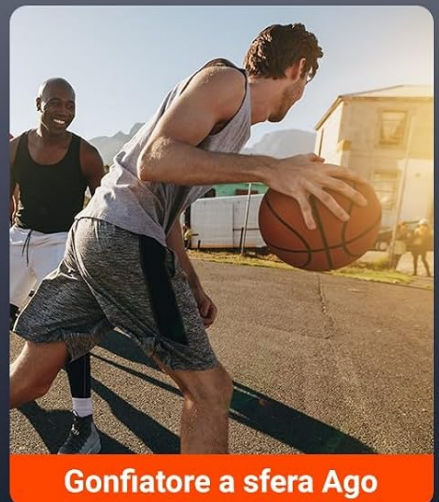


Image: A person using the COOSPO X1 pump to inflate a bicycle tire, demonstrating the connection and operation.

The pump's high-efficiency internal ventilation system prevents overheating, ensuring safe operation without the need for a silicone case. Advanced dynamic balancing technology reduces vibrations for smooth inflation.

4.4 Inflation Performance Reference

The following table provides approximate inflation times and capacities based on laboratory data. Actual performance may vary due to battery charge, environmental conditions, and other factors.

Type	PSI Range	Inflation Quantity	Inflation Speed per Tire
Road Bike (700 x 23C)	0~80 PSI	≈5 tires	≈50s
	0~90 PSI	≈5 tires	≈59s
	0~100 PSI	≈5 tires	≈68s
	0~110 PSI	≈4 tires	≈90s

Type	PSI Range	Inflation Quantity	Inflation Speed per Tire
	0~120 PSI	≈2 tires	≈98s
MTB (27.5 x 1.95)	0~50 PSI	≈3 tires	≈80s
Ball	0~7 PSI	≈19 Pcs	≈30s

COOSPO X1 Prestazioni gonfiabili di riferimento

Tipo	PSI	Quantità di Gonfiaggio	Velocità di Gonfiaggio di ogni pneumatico
Bici da strada (700 x 23C)	0~80 PSI	≈ 5pneumatici	≈ 50s
	0~90 PSI	≈ 5pneumatici	≈ 59s
	0~100 PSI	≈ 5pneumatici	≈ 68s
	0~110 PSI	≈ 4pneumatici	≈ 90s
	0~120 PSI	≈ 2pneumatici	≈ 98s
MTB (27.5 x 1.95)	0~50 PSI	≈ 3pneumatici	≈ 80s
Ball	0~7 PSI	≈ 19 Pcs	≈ 30s

*Dati di laboratorio, e possono variare a causa delle cariche nell'ambiente di prova, delle condizioni e di altri fattori.



Image: Detailed table outlining the COOSPO X1's inflation performance for various tire types and pressures.

5. MAINTENANCE

- **Cleaning:** Wipe the pump with a soft, dry cloth. Do not use harsh chemicals or immerse the device in water.
- **Storage:** Store the pump in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is partially charged if storing for extended periods.
- **Battery Care:** To prolong battery life, avoid fully discharging the pump frequently. Recharge it when the battery level is low.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	Low battery.	Charge the pump using the provided USB-C cable.
Pump does not inflate.	Hose or adapter not securely connected. Incorrect valve adapter. Target pressure already reached.	Ensure all connections are tight. Use the correct adapter for your valve type. Check the current pressure reading.
Inaccurate pressure reading.	Loose connection. Sensor calibration issue.	Ensure the hose is tightly connected. Turn the pump off and on again to recalibrate the sensor.

Problem	Possible Cause	Solution
Pump overheats during use.	Extended continuous operation.	Allow the pump to cool down before resuming operation. The internal ventilation system is designed to manage heat, but prolonged use can still cause warmth.

7. SPECIFICATIONS

Brand: CooSpo

Model: X1

Material: Plastic

Item Weight: 200 Grams

Product Dimensions: 5.3L x 3W x 7.2H cm

Power Source: Battery

Maximum Pressure: 120 PSI

Battery Type: Lithium-Ion (500 mAh)

Connector Type: USB Type-C

Included Components: X1 Electric Bicycle Pump, Presta Valve Adapter, High-Pressure Flexible Hose (with Schrader Valve), USB Type-C Cable, Needle Valve Adapter.

8. WARRANTY AND SUPPORT

The COOSPO X1 Mini Electric Bicycle Pump comes with a standard manufacturer's warranty. For detailed warranty information, product support, or service inquiries, please refer to the warranty card included in your package or visit the official CooSpo website. You can also contact the seller directly through your purchase platform for assistance.

