

## XIAOMI 1S

# Xiaomi 1S Portable Electric Air Compressor User Manual

Brand: **XIAOMI** | Model: **1S**

### 1. INTRODUCTION AND OVERVIEW

The Xiaomi 1S Portable Electric Air Compressor is a compact and versatile device designed for inflating various items such as car tires, motorcycle tires, bicycle tires, and sports balls. Its portable design, universal Type-C interface, and multiple inflation modes make it a convenient tool for on-the-go inflation needs. This manual provides essential information for the safe and efficient operation and maintenance of your Xiaomi 1S Air Compressor.



Image 1: The Xiaomi 1S Portable Electric Air Compressor, showcasing its compact design and digital display.

## 2. PRODUCT FEATURES

- **Rapid Inflation:** Offers increased speed and air volume for quick inflation, getting you back on the road faster.
- **Enhanced Battery Performance:** Improved battery life allows for inflating two car tires or recharging eight car tires on a single full charge.
- **High-Pressure Capability:** High-precision cylinder block supports pressures up to 150 PSI.
- **Accurate Air Pressure Sensors:** Highly accurate sensors eliminate the need for manual pumps, providing precise readings.
- **Pre-set Tire Pressure:** Features a pre-set tire pressure function for ease of use and peace of mind.
- **Five Inflation Modes:** Includes five distinct inflation modes, each with pre-set air pressure values, to prevent over-inflation for different items.
- **Cordless Operation:** Powered by internal lithium batteries for wireless convenience.

- **Portable Design:** Lightweight body (approximately 480g) for enhanced portability and easy transport.
- **Universal Type-C Charging:** Equipped with a universal Type-C interface for convenient charging.

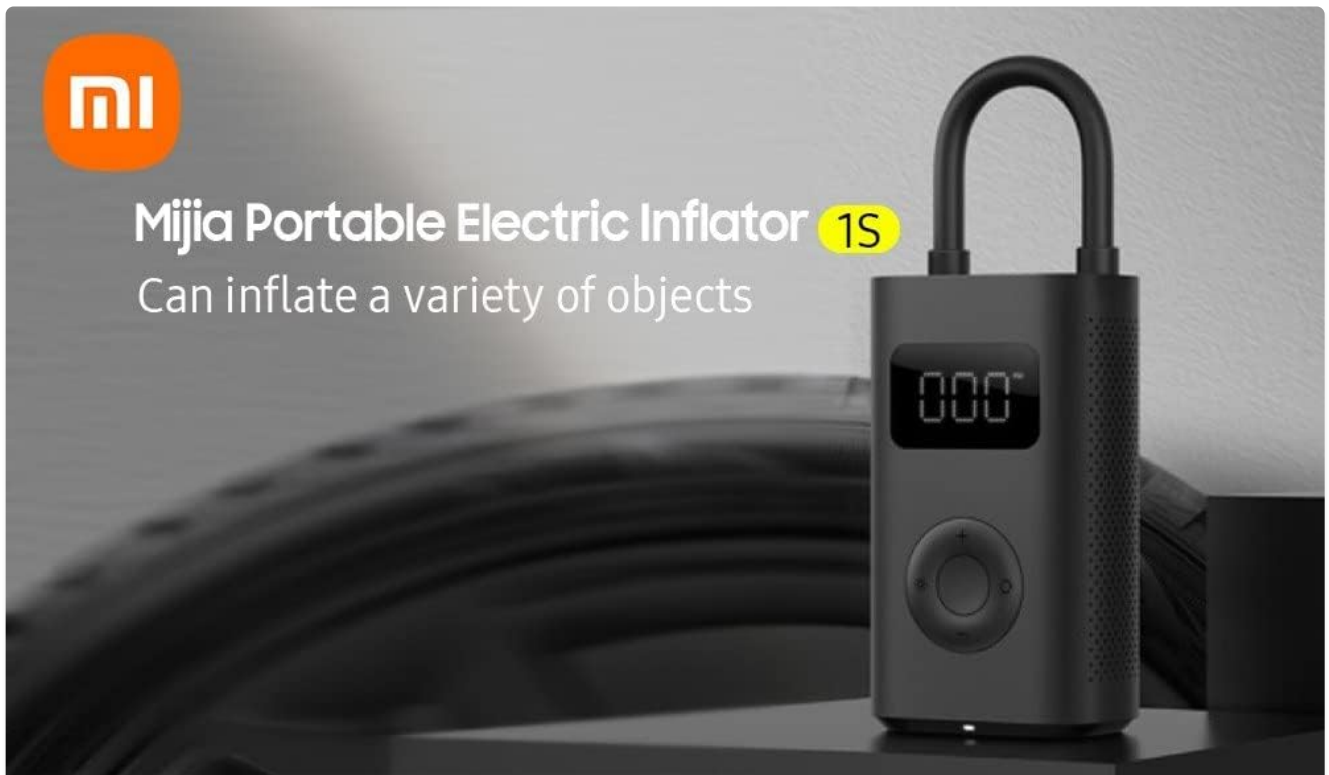


Image 2: Visual representation of the Xiaomi 1S Portable Electric Air Compressor's key features, including strong power, mini portable size, high pressure capability, lithium rechargeable battery, five inflation modes, and Type-C fast charging.

**Five Inflatable Modes Can Be Switched Freely**  
**Limit the default range of air pressure to prevent**  
**over-inflation, safe and worry-free**

|                                                                                     |                        |                                                           |                                                                                       |
|-------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------|
|    | <b>Free Mode</b>       | Default 35psi<br>Adjustable range: 3-150psi / 0.2-10.3bar |    |
|    | <b>Bicycle Mode</b>    | Default 45psi<br>Adjustable range: 30-65psi               |    |
|    | <b>Motorcycle Mode</b> | Default 2.4bar<br>Adjustable range: 1.8-3.0bar            |    |
|   | <b>Car Mode</b>        | Default 2.5bar<br>Adjustable range: 1.8-3.5bar            |   |
|  | <b>Ball Mode</b>       | Default 8psi<br>Adjustable range: 8-16psi                 |  |

Image 3: Detailed view of the five inflatable modes (Free, Bicycle, Motorcycle, Car, Ball) with their default and adjustable pressure ranges, preventing over-inflation.

### 3. PACKAGE CONTENTS

Upon opening the package, please ensure all items are present and in good condition:

- Xiaomi 1S Portable Electric Air Compressor Unit
- Presta Valve Adapter
- Needle Valve Adapter (for balls)
- Type-C Charging Cable
- Storage Bag
- User Manual (this document)



Image 4: A visual overview of the Xiaomi 1S Portable Electric Air Compressor, including its accessories like the inflation hose, various nozzles, and charging cable.

## 4. SETUP

1. **Initial Charge:** Before first use, fully charge the air compressor using the provided Type-C charging cable. Connect the cable to the Type-C port on the device and a suitable USB power adapter (not included). The display will indicate charging status.
2. **Attach Inflation Hose:** Screw the inflation hose securely into the air outlet port on the top of the compressor.
3. **Select Nozzle:** Choose the appropriate nozzle adapter for the item you intend to inflate (e.g., Presta valve adapter for certain bicycle tires, needle valve for sports balls). Attach it to the end of the inflation hose.





## Universal Type-C Charging Port

Image 5: Close-up view of the universal Type-C charging port on the Xiaomi 1S Portable Electric Air Compressor, highlighting its modern and convenient charging solution.

### 5. OPERATING INSTRUCTIONS

1. **Power On:** Press and hold the power button to turn on the compressor. The digital display will light up.
2. **Select Mode:** Press the 'M' button to cycle through the five inflation modes (Free, Bicycle, Motorcycle, Car, Ball). Each mode has a pre-set pressure value.
3. **Set Desired Pressure:** Use the '+' and '-' buttons to adjust the target pressure. The display will show the current pressure and the target pressure.
4. **Connect to Item:** Securely attach the inflation hose (with the correct adapter) to the valve of the item you wish to inflate.
5. **Start Inflation:** Press the power button briefly to start the inflation process. The compressor will automatically stop once the target pressure is reached.
6. **Monitor Pressure:** The digital display will show the real-time pressure during inflation.
7. **Disconnect:** Once inflation is complete, carefully disconnect the hose from the item's valve.

8. **Power Off:** Press and hold the power button to turn off the compressor.

Your browser does not support the video tag.

Video 1: This video demonstrates the features and usage of a portable digital air compressor, suitable for inflating tires on cars, motorcycles, and bicycles.

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Video 2: This video provides a detailed overview of the product, showcasing its design and functionalities.

## 6. MAINTENANCE

- **Cleaning:** Wipe the compressor's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the air intake and exhaust vents are clear of dust and debris.
- **Storage:** Store the compressor in a cool, dry place away from direct sunlight and extreme temperatures. Keep it out of reach of children.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use, to maintain optimal battery health.
- **Hose and Nozzles:** Inspect the inflation hose and nozzles for any signs of wear or damage before each use. Replace if necessary.

## 7. TROUBLESHOOTING

| Problem                        | Possible Cause                                                                                    | Solution                                                                                                    |
|--------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Compressor does not turn on    | Low battery; Device malfunction                                                                   | Charge the device fully. If problem persists, contact support.                                              |
| Slow inflation or no inflation | Hose not securely attached; Incorrect nozzle; Leak in hose/valve; Item already at target pressure | Ensure hose and nozzle are tightly connected. Check for leaks. Verify target pressure setting.              |
| Inaccurate pressure reading    | Loose connection; Sensor issue                                                                    | Ensure a tight connection to the valve. If readings remain inconsistent, contact support.                   |
| Device overheats               | Prolonged use; Blocked vents                                                                      | Allow the device to cool down. Ensure air vents are clear. Avoid continuous operation for extended periods. |

## 8. SPECIFICATIONS

| Feature      | Detail |
|--------------|--------|
| Manufacturer | Xiaomi |
| Model        | 1S     |
| Color        | Black  |

| Feature                | Detail                                                           |
|------------------------|------------------------------------------------------------------|
| Power Source           | Internal Lithium Battery (Charging via Type-C)                   |
| Max Pressure           | Up to 150 PSI                                                    |
| Air Flow Rate          | 15 L/min                                                         |
| Battery Capacity       | 2*2000mAh 18650 Lithium (Total 4000mAh)                          |
| Dimensions (Packaging) | 22.9 x 7.7 x 6.4 cm                                              |
| Weight (Packaging)     | 660 g                                                            |
| Included Components    | Pump, Inflation Hose, Various Nozzles, Type-C Cable, Storage Bag |



Image 6: The Xiaomi 1S Portable Electric Air Compressor placed in a car's center console, demonstrating its compact size and portability.



# Eight Rigorous Tests Provide Durable Quality



Overpressure  
protection function test



Trachea tensile  
strength test



Compression test



Electric strength test



Low temperature cold  
bending test of trachea



High/low temperature  
charging test



Free drop test



Continuous working  
time test

Image 7: An infographic detailing the eight rigorous tests the Xiaomi 1S Portable Electric Air Compressor undergoes to ensure durable quality, including overpressure protection, trachea tensile strength, compression, electric strength, low temperature cold bending, high/low temperature charging, free drop, and continuous working time tests.



## Performance Upgrade

Battery life increased by about 45.4% ↑

Mijia Tire Inflator 1S \*Can inflate 8 tires



Mijia Tire Inflator \*Can inflate 5.5 tires



Inflation speed increased by about 114% ↑

Mijia Tire Inflator 1S



Mijia Tire Inflator



Image 8: A comparison chart illustrating the performance upgrades of the Xiaomi 1S, showing a 45.4% increase in battery life and a 114% increase in inflation speed compared to the previous model.

# Built-in 2\*2000mAh 18650 Lithium Rechargeable Battery



Image 9: An internal diagram of the Xiaomi 1S Portable Electric Air Compressor, highlighting its built-in 2\*2000mAh 18650 Lithium Rechargeable Battery for cordless operation.

## 9. WARRANTY AND SUPPORT

Your Xiaomi 1S Portable Electric Air Compressor comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including coverage period and claim procedures.

For technical support, troubleshooting assistance, or warranty claims, please contact Xiaomi customer service through their official website or the contact information provided in your product documentation. Ensure you have your product model number (1S) and proof of purchase available when contacting support.