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## ZSX MS001

# ZSX Portable Tire Inflator MS001 User Manual

Model: MS001

## 1. INTRODUCTION

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The ZSX Portable Tire Inflator MS001 is a compact and versatile air compressor designed for convenient inflation of various items, including vehicle tires (cars, motorcycles, bikes) and sports equipment. Featuring a digital pressure gauge and multiple preset modes, it ensures accurate and efficient inflation wherever you need it.

## 2. WHAT'S IN THE BOX

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Carefully unpack all components and ensure the following items are included:

- 1 x ZSX Portable Tire Inflator
- 1 x Air Hose
- 1 x Presta Valve Adapter
- 1 x Ball Needle Adapter
- 1 x Long Tapered Nozzle
- 1 x Duckbill Inflatable Nozzle
- 1 x Storage Bag
- 1 x USB-C Charging Cable
- 1 x User Manual

## EASY TO USE



Image: All components included in the ZSX Portable Tire Inflator package.

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Video: Unboxing the ZSX Portable Tire Inflator and its accessories.

### 3. PRODUCT FEATURES

- **Fast Inflation:** Equipped with a high-powered motor, the inflator can reach a maximum pressure of 150 PSI for rapid inflation of various tires and inflatables.
- **Compact and Portable:** With a sleek, cordless design, measuring 4.96"x3.1"x1.97" and weighing 1.08 lbs, it is easy to carry and store.
- **Long-Lasting Battery:** Features a built-in 7.4V large-capacity rechargeable battery, providing up to 20 minutes of continuous operation.
- **Smart Tire Inflator:** Offers 5 preset inflation modes for cars, motorcycles, bikes, electric bicycles, and balls. A 6th customizable mode allows for specific pressure settings. Supports PSI and BAR units.
- **Easy Use and Auto Shutoff:** Activation by pulling out the air hose and deactivation by pushing it back in. The pump automatically stops upon reaching the preset pressure or after 3 minutes of inactivity.
- **Versatile Functionality:** Functions as a tire pump, includes an LED light for illumination, and features a digital tire pressure gauge.

# LED DIGITAL SCREEN



Real-time value



Up to  
150PSI



±1PSI  
Accuracy



Image: The inflator's LED digital screen displaying real-time pressure and various inflation modes.

## WHAT'S IN THE BOX?

- 1 Tire inflator
- 2 User Manual
- 3 USB-C Charging Cable
- 4 Duckbill Inflatable Nozzle
- 5 Presta Valve Adapter
- 6 Ball Needle Adapter
- 7 Long Tapered Nozzle
- 8 Air Hose
- 9 Storage bag



Image: Overview of key features: 150 PSI maximum pressure, powerful motor, and smart design with integrated hose.

## 4. SETUP AND CHARGING

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### 4.1 Initial Charging

Before first use, fully charge the tire inflator. Connect the provided USB-C charging cable to the inflator's USB-C port and plug the other end into a compatible USB power adapter (not included). The battery indicator on the display will show charging progress.



Image: The inflator being charged via its USB-C interface.

### 4.2 Preparing for Use

To activate the inflator, pull out the air hose from its storage slot at the top of the device. The digital display will illuminate.

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Video: Demonstrating how to pull out the air hose to activate the inflator.

## 5. OPERATION INSTRUCTIONS

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### 5.1 Control Panel Overview



Image: Detailed view of the control panel buttons and their functions.

- **Power Button (Center):** Long press for 3 seconds to turn on/off. Short press to start/stop inflation.

- **Light Button (Top Left):** Short press to switch LED light modes (Normal, SOS, Off).
- **Mode/Unit Button (Top Right):** Short press to switch between inflation modes. Long press for 2 seconds to switch between PSI and BAR units.
- **Increase Pressure Button (Bottom Right):** Press to increase the target pressure.
- **Decrease Pressure Button (Bottom Left):** Press to decrease the target pressure.

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Video: Demonstration of the control panel buttons and hose operation.

## 5.2 Inflation Process

1. **Connect the Air Hose:** Screw the air hose securely onto the tire valve. Ensure a tight connection to prevent air leakage. Use appropriate adapters for different valve types (e.g., Presta for some bikes).
2. **Select Mode and Set Pressure:** Short press the Mode/Unit button to cycle through the 5 preset modes (Car, Motorcycle, Bike, Electric Bicycle, Ball) or select the customizable 6th mode. Use the Increase (+) and Decrease (-) buttons to adjust the target pressure. Long press the Mode/Unit button to switch between PSI and BAR units if needed.
3. **Start Inflation:** Short press the Power button to begin inflation. The real-time pressure will be displayed.
4. **Automatic Shutoff:** The inflator will automatically stop once the preset pressure is reached or after 3 minutes of inactivity.
5. **Disconnect:** Once inflation is complete, quickly unscrew the air hose from the valve. Push the air hose back into its storage slot to turn off the device.

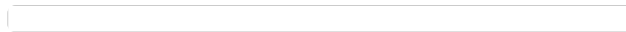


Image: Visual guide for the three-step inflation process: connect, set, and start.

## 5.3 LED Light Function

The integrated LED light can be activated by pressing the Light button. It offers two modes: a steady normal light for illumination and an SOS flashing mode for emergencies.

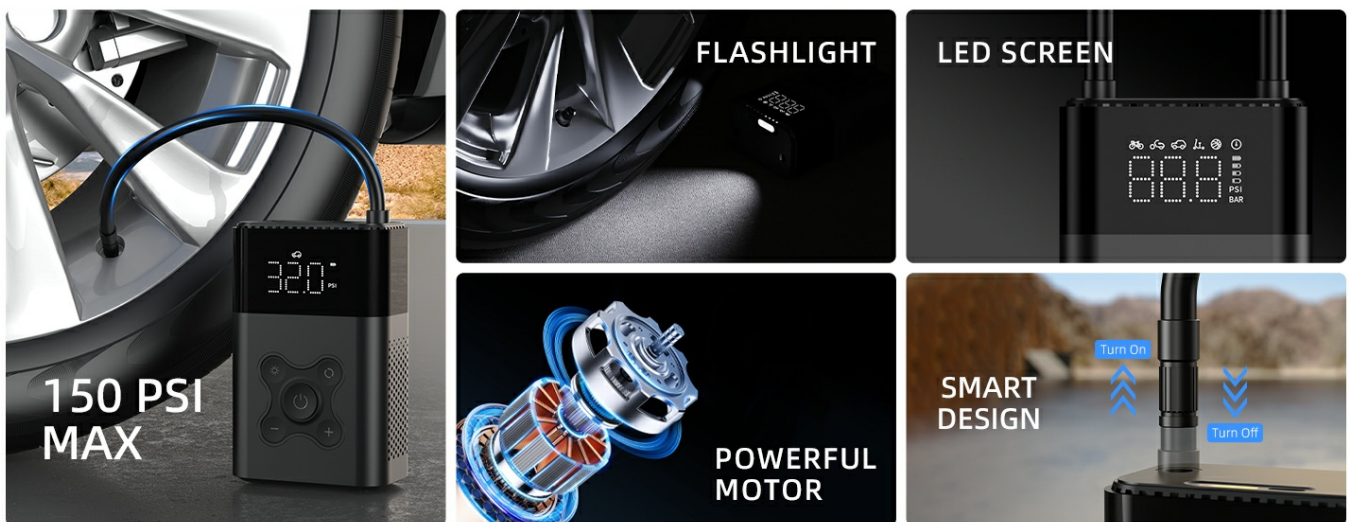


Image: The inflator's LED light providing illumination in a dark environment.

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Video: Demonstration of the LED light's normal and SOS modes.

## 6. SAFETY INFORMATION

- Do not leave the inflator unattended during operation.
- Keep out of reach of children.

- Avoid over-inflating. Always refer to the recommended pressure for your tires or inflatables.
- Do not operate the inflator in wet conditions or near flammable liquids/gases.
- If the inflator becomes excessively hot, turn it off and allow it to cool down before continuing use.
- Ensure the air hose connection is secure to prevent accidental disconnection during inflation.

## 7. MAINTENANCE

- Clean the exterior of the inflator with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the inflator in its provided storage bag in a cool, dry place when not in use.
- Regularly check the air hose and adapters for any signs of wear or damage. Replace if necessary.
- Charge the battery periodically if the device is stored for extended periods to maintain battery health.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on	Low battery; Air hose not fully pulled out	Charge the inflator; Ensure air hose is fully extended to activate.
No inflation or slow inflation	Air hose not securely connected; Incorrect pressure unit selected; Obstruction in hose/nozzle	Ensure tight connection; Verify PSI/BAR setting; Check for blockages.
Inaccurate pressure reading	Loose connection; Sensor malfunction	Tighten hose connection; Contact customer support if issue persists.
Inflator stops unexpectedly	Preset pressure reached; Overheating; Low battery; 3-minute inactivity auto-shutoff	Check target pressure; Allow to cool; Recharge battery; Restart if due to inactivity.

## 9. SPECIFICATIONS

Feature	Detail
Brand	ZSX
Model Name	Smart Tire Inflator (MS001)
Maximum Operating Pressure	150 PSI
Power Source	Battery Powered (7.4V Lithium Ion)
Voltage	12 Volts
Noise Level	70 Decibels
Product Dimensions	4.96"L x 3.1"W x 1.97"H
Item Weight	1.08 pounds (0.49 Kilograms)
Material	ABS+PC

Feature	Detail
Special Feature	Automatic Shut-Off, LED Light

## 10. WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official ZSX website. Keep your purchase receipt as proof of purchase.