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> Cimesen Portable Tire Inflator Air Compressor ATJ-007 User Manual

Cimesen ATJ-007

Cimesen Portable Tire Inflator Air Compressor

MODEL: ATJ-007

1. Introduction

This manual provides instructions for the safe and efficient operation of your Cimesen Portable Tire Inflator Air Compressor, Model ATJ-007. This device is designed for inflating tires on cars, motorcycles, and bicycles, as well as various balls and other inflatable items. It features a cordless design, automatic shut-off, and a digital pressure gauge for precise inflation.



Image 1: Cimesen Portable Tire Inflator and its compatible items.

2. Safety Information

Please read all safety instructions before operating the device to prevent injury or damage.

- Keep the device away from children.
- Do not operate the device in wet conditions or near flammable liquids or gases.
- Ensure the inflation hose is securely connected to both the inflator and the item being inflated before starting.
- Do not over-inflate items. Always refer to the manufacturer's recommended pressure for the item being inflated.
- Monitor the inflation process to prevent over-inflation, even with the automatic shut-off feature.
- If the device becomes excessively hot during use, turn it off and allow it to cool down before resuming operation.
- Use only the provided accessories and charging cable.

3. Package Contents

Verify that all items are present in the package:

- Cimesen Portable Inflator Pump (1 unit)
- Connecting Tire Tube (1 unit)
- TYPE-C Charging Cable (1 unit)
- Multifunctional Accessories Pack (1 unit)

4. Product Overview and Features

The Cimesen Portable Tire Inflator ATJ-007 is a versatile and compact device designed for convenient inflation.

- **Cordless Operation:** Equipped with a rechargeable 5200mAh battery for use anywhere without an external power supply.
- **Digital Display:** Two oversized LED screens display real-time tire pressure and set values.
- **Multiple Inflation Modes:** Includes 4 preset modes (bicycle, motorcycle, automobile, ball) and a manual mode.
- **Automatic Shut-Off:** Automatically stops inflation once the preset pressure is reached.
- **Pressure Units:** Supports 4 pressure measurement units: PSI, KPA, BAR, KG/CM².
- **LED Light:** Features 3 lighting modes (LED, SOS, strobe) for visibility in low-light conditions or emergencies.
- **Emergency Power Bank:** Includes a 5V/2A USB output/input port to charge mobile devices.
- **Max Pressure:** Capable of reaching up to 150 PSI.



Image 2: Accurate Pressure Display and Mode Selection.



Image 3: Emergency Power Bank and LED Light Functionality.



Image 4: Automatic Shut-Off Feature.

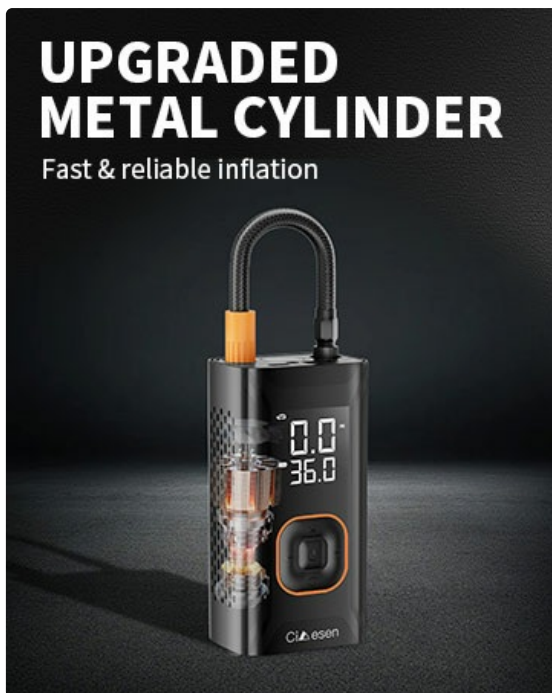


Image 5: Upgraded Metal Cylinder for Reliable Inflation.

5. Setup

5.1 Initial Charging

Before first use, fully charge the inflator. Connect the provided TYPE-C cable to the inflator's charging port and a suitable USB power adapter (not included). The battery indicator on the display will show charging status.

5.2 Attaching the Air Hose

Screw the connecting tire tube securely onto the inflator's air outlet. Ensure a tight connection to

prevent air leakage during inflation.

6. Operating Instructions

6.1 Powering On/Off

- Press and hold the power button to turn the device on or off.

6.2 Selecting Inflation Mode

- After powering on, press the 'M' button to cycle through the preset modes: Bicycle, Motorcycle, Automobile, and Ball.
- Each mode has a default pressure value.
- For custom pressure, select a mode and then adjust the target pressure using the '+' and '-' buttons. This will automatically switch to manual mode.

6.3 Setting Target Pressure

- Use the '+' and '-' buttons to increase or decrease the desired target pressure.
- Press the unit button to switch between PSI, KPA, BAR, and KG/CM².

6.4 Connecting to Item

- Screw the free end of the connecting tire tube onto the valve stem of the item to be inflated. Ensure a secure connection.
- For different valve types (e.g., Presta valves for bicycles, sports balls), use the appropriate adapter from the multifunctional accessories pack.

6.5 Starting and Stopping Inflation

- Press the power button to start inflation. The device will display the real-time pressure.
- The inflator will automatically stop when the preset target pressure is reached.
- To manually stop inflation, press the power button again.

6.6 Using the LED Light

- Press the light button (usually indicated by a flashlight icon) to cycle through LED, SOS, and strobe modes.
- Press again to turn off the light.

6.7 Using as a Power Bank

- Connect your mobile device's charging cable to the USB output port (5V/2A) on the inflator.
- The inflator will begin charging your device.

7. Maintenance

7.1 Charging

- Charge the device regularly, especially if it has not been used for an extended period.
- If inflation power seems insufficient, ensure the battery is fully charged.

7.2 Cleaning and Storage

- Wipe the exterior of the device with a soft, dry cloth. Do not use harsh chemicals or immerse in water.
- Store the inflator and its accessories in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the device away from dust and debris to ensure optimal performance.

8. Troubleshooting

Problem	Possible Cause	Solution
Inflator does not turn on.	Battery is depleted.	Charge the device fully using the provided TYPE-C cable.
Slow inflation or insufficient power.	Low battery level.	Fully charge the inflator. Inflation power decreases as battery weakens.
Air leakage during inflation.	Hose not securely connected.	Ensure the connecting tire tube is tightly screwed onto both the inflator and the item's valve stem.
Device overheats.	Prolonged continuous operation.	Turn off the device and allow it to cool down for at least 15-20 minutes before resuming use.
Inaccurate pressure reading.	Sensor issue or external factors.	Ensure the connection is secure and there are no leaks. If the issue persists, contact customer support.

9. Specifications

Feature	Detail
Model Name	ATJ-007 (tire inflator 007)
Maximum Operating Pressure	150 PSI
Battery Capacity	5200mAh

Feature	Detail
Voltage	5 Volts
Wattage	80 Watts
Power Source	Battery Powered
Noise Level	60 dB
Product Dimensions	2.68"L x 1.97"W x 5.24"H
Item Weight	1.12 pounds
Hose Length	7.87 Inches
Special Features	Automatic Shut-Off, Built-In Gauge, Cordless, LCD Display, LED Light
Recommended Uses	Ball Inflation, Bike tire inflation, Tire Inflation, Toy Inflation

10. Warranty and Support

The Cimesen Portable Tire Inflator ATJ-007 comes with a **1-year warranty** from the date of purchase.

If you encounter any issues or have questions regarding your product, please do not hesitate to contact Cimesen customer service. Our team is dedicated to providing support and resolving any concerns you may have.

For assistance, please refer to the contact information provided on the product packaging or the official Cimesen website.