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Oasser TZ101

Oasser Portable Tire Inflator Model TZ101 User Manual

Model: TZ101

1. INTRODUCTION

Thank you for choosing the Oasser Portable Tire Inflator Model TZ101. This compact and powerful device is designed for quick and efficient inflation of various items, including car tires, motorcycle tires, bicycle tires, and sports balls. Featuring a 150 PSI maximum pressure, an LCD display, LED light, and USB charging capabilities, it offers convenience and reliability for daily use and emergencies. Please read this manual thoroughly before operation to ensure safe and optimal performance.

2. SAFETY INFORMATION

To prevent injury or damage to the device, always adhere to the following safety guidelines:

- Keep the device away from children.
- Do not operate the inflator in wet conditions or near flammable liquids or gases.
- Ensure the air hose is securely connected to the valve stem before starting inflation.
- Do not over-inflate. Always refer to the recommended pressure for your specific item. The device features an auto-stop function, but manual monitoring is advised.
- **Important Note:** This inflator is not suitable for items requiring very low pressure (typically below 3 PSI) or large air volumes, such as truck tires, air mattresses, inflatable boats, kayaks, pools, water slides, yoga balls, paddle boards, or other large inflatables. Using it for these items risks over-inflation or pump damage.
- Avoid prolonged continuous operation to prevent overheating. Allow the device to cool down if it becomes hot.
- Do not disassemble or modify the device. Contact customer support for any repairs.

3. PRODUCT OVERVIEW AND COMPONENTS

The Oasser Portable Tire Inflator comes with a complete kit for various inflation needs.

Package Contents:

- Oasser Tire Inflator (Model TZ101)
- Air Hose (30cm)
- Nozzles: Presta-to-Schrader adapter, ball inflator needle, long and short tapered nozzles
- Storage Bag
- Type-C Charging Cable
- User Manual (this document)



Figure 3.1: Included Components

4. SETUP

4.1 Charging the Device

Before first use, fully charge the tire inflator. The device is powered by a high-capacity rechargeable battery.

1. Connect the provided USB-C charging cable to the Type-C input port on the inflator.
2. Connect the other end of the USB-C cable to a compatible USB power adapter (not included) or a USB port.
3. The LCD display will indicate the charging status. A full charge typically takes approximately 4 hours.



Figure 4.1: Dual Charging Methods (Self-Charging and Power Bank Function)

4.2 Attaching the Air Hose

Screw the air hose securely into the designated port on the top of the inflator unit.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation Steps



Figure 5.1: Operating Steps Overview

- 1. Connect:** Attach the air hose to the inflator. Securely attach the quick-lock air chuck onto the tire's valve stem. Ensure a tight, leak-free connection.
- 2. Power On:** Press and hold the power button (**U**) for 3 seconds to turn on the device. The LCD screen will illuminate, displaying the current pressure and preset value.
- 3. Set Parameters:**
 - Press the mode button (**M**) to cycle through the 5 preset inflation modes: Car, Motorcycle, Bicycle, Ball, and Custom.
 - Press the unit button (**U**) to select your desired pressure unit (PSI, BAR, KPA, kg/cm²).
 - Use the '+' and '-' buttons to adjust the target pressure value. The device remembers your last used settings for quick startup.
- 4. Start Inflation:** Press the power button (**U**) again to begin inflating. The inflator will automatically stop once the preset pressure is reached.
- 5. Disconnect:** Once inflation is complete, quickly detach the air chuck from the valve stem.

5.2 Preset Modes

The inflator offers 5 preset modes for common inflation tasks:

- **Car Mode:** For standard car tires (typically 26-50 PSI).
- **Motorcycle Mode:** For motorcycle tires (typically 26-45 PSI).
- **Bicycle Mode:** For bicycle tires (typically 30-120 PSI).
- **Ball Mode:** For sports balls (typically 4-16 PSI).
- **Custom Mode:** Allows manual setting of pressure up to 150 PSI for other inflatables.



Figure 5.2: 5 Pre-Set Inflation Modes

5.3 LED Light Function

The built-in LED light provides illumination for nighttime use or emergencies.

- Press the light button () once for a steady white light.
- Press again for a slow red flash (hazard warning).
- Press a third time for an SOS fast red flash.
- Press a fourth time to turn off the light.



Figure 5.3: 3-Mode LED Lighting

5.4 Power Bank Function

The inflator can also serve as a power bank to charge other devices.

- Connect your device's charging cable to the USB-A output port (5V/1A) on the inflator.
- The inflator will begin charging your device.

6. MAINTENANCE

6.1 Cleaning

Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the device is dry before storage.

6.2 Storage

Store the inflator and its accessories in the provided storage bag in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, ensure the battery is charged to approximately 50% and recharge every 3-6 months to maintain battery health.



Figure 6.1: Compact Size for Easy Storage

7. TROUBLESHOOTING

If you encounter issues with your Oasser Portable Tire Inflator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on.	Low battery; Power button not held long enough.	Charge the device fully. Press and hold the power button for 3 seconds.
Inflator runs but no air comes out or inflation is slow.	Air hose not securely connected; Valve stem blocked; Incorrect nozzle used.	Ensure air hose is tightly screwed in and air chuck is firmly attached to the valve. Check valve stem for obstructions. Use the correct nozzle adapter.
Device stops before reaching preset pressure.	Low battery; Overheating protection activated.	Recharge the device. Allow the inflator to cool down for 10-15 minutes before resuming operation.
Inaccurate pressure reading.	Loose connection; Sensor malfunction.	Ensure the air chuck is securely attached. If the problem persists, contact customer support.

If the issue is not resolved by the above steps, please contact Oasser customer support.

8. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	TZ101
Maximum Pressure	150 PSI
Product Dimensions	9 x 4.8 x 13 cm (3.5 x 1.9 x 5.1 inches)
Item Weight	540 g
Power Source	Battery Powered (Lithium Ion)
Voltage	3.7 Volts
Charging Port	USB Type-C
USB Output	5V/1A (for power bank function)
Hose Length	30 cm
Sound Level	70 Decibels
Special Features	Cordless, Portable, Emergency LED light, Power bank function, One-touch preset modes, Memory function, Quick inflation, Smart auto-stop

9. WARRANTY

The Oasser Portable Tire Inflator Model TZ101 comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance. Please retain your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact Oasser customer support through the retailer where you purchased the product or visit the official Oasser website for contact information. Please have your model number (TZ101) and proof of purchase ready when contacting support.