SERVOMASTER SM02

SERVOMASTER SM02 Cordless Tire Inflator User Manual

Model: SM02

Introduction

The SERVOMASTER SM02 Cordless Tire Inflator is a portable and efficient device designed for inflating various items such as car tires, motorcycle tires, bicycle tires, and sports balls. Featuring a maximum pressure of 150 PSI, a digital display, and multiple lighting modes, it provides a convenient solution for on-the-go inflation needs. This manual provides detailed instructions for safe and effective use of your tire inflator.



Image: The SERVOMASTER SM02 Cordless Tire Inflator connected to a car tire, demonstrating its fast and cordless inflation feature with a digital display showing pressure.

Package Contents

Please check the package contents upon receipt to ensure all items are present:

- 1 x SERVOMASTER SM02 Tire Inflator
- 1 x Air Hose with Clip
- 1 x General Nozzle Cone
- 1 x Long Tapered Nozzle
- 1 x Ball Needle Valve (Needle Adapter)
- 1 x USB-C Charging Cable
- 1 x User Manual



Image: A visual representation of all items included in the SERVOMASTER SM02 package, clearly labeled.

Setup

1. **Charge the Device:** Before first use, fully charge the tire inflator using the provided USB-C charging cable. Connect the cable to the inflator's charging port and a suitable USB power adapter (not included). The power display on the screen will indicate charging status.
2. **Attach Air Hose:** Screw the air hose securely onto the inflator's air outlet.
3. **Select Nozzle:** Choose the appropriate nozzle for the item you wish to inflate (e.g., general nozzle for car tires, needle adapter for balls, tapered nozzle for swim rings). Attach it to the end of the air hose.

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Video: Demonstration of attaching the air hose and selecting nozzles for various inflation tasks.

Operating Instructions

1. **Power On:** Press and hold the power button (usually marked with a power symbol) for a few seconds to turn on the device. The digital display will light up.
2. **Select Mode/Unit:** Press the "Mode" button (often labeled with a 'U' or similar icon) to cycle through different inflation modes (e.g., Car, Motorcycle, Bicycle, Ball) or pressure units (PSI, BAR, KPA, KG/CM²). Select the appropriate mode for your item.
3. **Set Target Pressure:** Use the "+" and "-" buttons to adjust the desired target pressure. The digital display will show the current pressure and the set target pressure.
4. **Connect to Item:** Securely connect the air hose with the chosen nozzle to the valve of the item you wish to inflate. Ensure a tight seal to prevent air leakage.

5. **Start Inflation:** Press the power button again to start the inflation process. The inflator will automatically stop once the preset target pressure is reached.
6. **Disconnect:** Once inflation is complete, quickly disconnect the air hose from the item's valve.

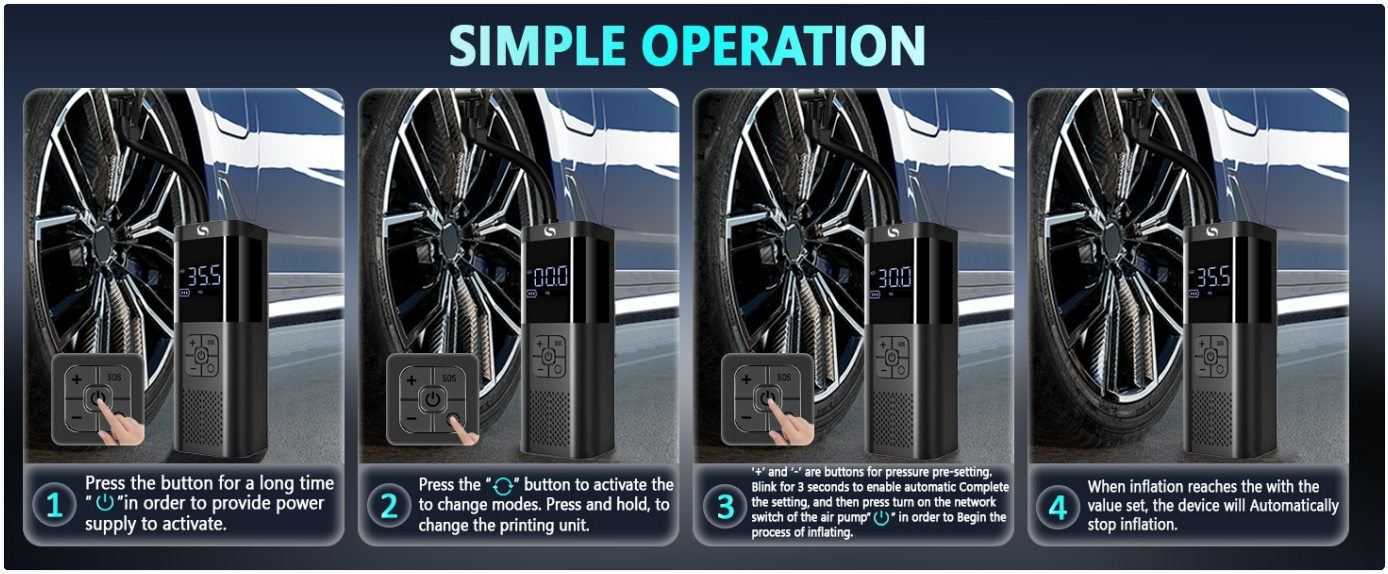


Image: Detailed view of the inflator's control panel, highlighting the functions of each button and display area.

Your browser does not support the video tag.

Video: Step-by-step guide on how to operate the 150PSI 12V DC Air Tire Pump with Gauge, including setting pressure and starting inflation.

Features

Fast and Safe Inflation

The SM02 can inflate a 195/55/R15 car tire from 0 to 35 PSI in approximately 5 minutes. Its automatic shut-off feature prevents over-inflation, ensuring safety and optimal pressure.

Portability

Measuring just 6.9 x 3 x 2.2 inches and weighing 0.92 pounds, this mini portable tire inflator is designed for easy storage and transport. It fits conveniently in a backpack, car boot, or even a large pocket.

Image: The compact design of the inflator, showing how easily it can be carried in various scenarios.

Flashlight & Digital Display

Equipped with three LED light modes (illumination, strobe, and SOS), the inflator assists with nighttime inflation and emergency situations. The large digital display provides real-time, accurate tire pressure readings for clear monitoring.



Image: The inflator's LED light in action, illustrating its utility in low-light conditions and emergencies.

Multi-Functionality

With four additional auxiliary nozzles, the inflator is versatile for various inflation needs, including:

- Car tires
- Motorcycle tires
- Bicycle tires
- Sports balls
- Swimming rings and other inflatables



Image: The inflator's versatility, demonstrating its use for different types of vehicles and inflatable items.

Your browser does not support the video tag.

Video: A demonstration of the portable tire compressor inflating various items like a soccer ball and a swim ring.

Maintenance

- **Cleaning:** Wipe the exterior of the inflator with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the air

hose and nozzles are clean and properly stored to prevent damage.

- **Battery Care:** To prolong battery life, charge the device regularly, even if not in frequent use. Avoid completely draining the battery before recharging.
- **Hose Inspection:** Periodically check the air hose for any signs of wear, cracks, or damage. Replace if necessary to ensure efficient and safe operation.

Troubleshooting

Problem	Possible Cause	Solution
Inflator does not turn on.	Low battery or device is off.	Charge the inflator. Press and hold the power button to turn on.
Inflator does not inflate.	Air hose not securely connected; nozzle not properly attached; target pressure not set; item valve blocked.	Ensure all connections are tight. Check and clear the item's valve. Set a target pressure above the current pressure.
Inaccurate pressure reading.	Loose connection to valve; sensor malfunction.	Ensure the nozzle is tightly sealed to the valve. If problem persists, contact customer support.
Device overheats during use.	Prolonged continuous operation.	Allow the inflator to cool down for at least 10-15 minutes before resuming use. Avoid continuous operation for extended periods.

Specifications

- **Brand:** SERVOMASTER
- **Model Number:** SM02
- **Power Source:** Battery Powered (Cordless)
- **Maximum Pressure:** 150 PSI
- **Item Dimensions (L x W x H):** 5.51" x 2.95" x 8.07"
- **Material Type:** ABS
- **Battery Charge Time:** Approximately 5 minutes (for a 0-35psi car tire inflation)
- **Special Features:** Cordless, LED Light (Illumination/Strobe/SOS), Digital Display, Auto Shut-off
- **Included Components:** Tire Inflator, Air Hose, General Nozzle Cone, Long Tapered Nozzle, Ball Needle Valve, USB-C Charging Cable, User Manual

Warranty and Support

The SERVOMASTER SM02 Cordless Tire Inflator comes with a **1-Year Manufacturer Warranty**. For warranty claims, technical support, or any inquiries regarding your product, please contact SERVOMASTER customer service.
You can find more information and support on the official SERVOMASTER store page:SERVOMASTER Store

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question