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VEVOR SH01

VEVOR Portable Tire Inflator SH01 User Manual

Model: SH01

1. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the VEVOR Portable Tire Inflator. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Keep the device away from children.
- Do not operate the inflator in wet conditions or near flammable liquids or gases.
- Ensure the correct pressure setting for the item being inflated to prevent over-inflation and potential damage or injury.
- Do not leave the inflator unattended while in operation.
- Allow the device to cool down after extended use to prevent overheating.
- Use only the provided charging cable and accessories.
- Do not disassemble or attempt to repair the device yourself. Contact customer support for assistance.

2. PRODUCT OVERVIEW

The VEVOR Portable Tire Inflator SH01 is a compact and versatile air compressor designed for inflating tires on cars, motorcycles, bicycles, and various sports equipment. It features an automatic stop function, an LCD pressure gauge, and an integrated LED lamp.



Image: The VEVOR Portable Tire Inflator SH01 held in a hand, showcasing its digital display with current pressure, target pressure, and battery level. Mode icons for car, motorcycle, bicycle, and ball are visible.

Key Features:

- **Precision Inflation:** Set desired pressure; the inflator automatically stops when reached, preventing over-inflation.
- **Fast Inflation:** Equipped with 17 cylinders and a maximum pressure of 150 PSI, it inflates quickly.
- **Portable Design:** Weighing approximately 0.49 kg (1.01 lbs), it is easy to carry and store.
- **Versatile Functionality:** Suitable for various inflatables, also functions as an LED flashlight.
- **Dual Battery Power:** Features 2 x 2000 mAh batteries for consistent performance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x VEVOR Portable Tire Inflator SH01
- 1 x USB Charging Cable
- 1 x Presta Valve Adapter
- 1 x Ball Needle

- 1 x Air Hose (with deflation function)
- 1 x Storage Bag



Image: An exploded view showing the VEVOR Portable Tire Inflator SH01 alongside its accessories: air hose, USB charging cable, Presta valve adapter, ball needle, and storage bag.

4. SETUP AND CHARGING

4.1 Initial Charging

Before first use, fully charge the inflator. Connect the provided USB charging cable to the inflator's charging port and to a suitable USB power source (e.g., wall adapter, car charger, power bank). The battery indicator on the LCD screen will show charging status.

4.2 Attaching the Air Hose and Adapters

1. Screw the air hose securely onto the inflator's air outlet.
2. For Schrader valves (common on cars, motorcycles, and some bicycles), connect the air hose directly to the valve stem.

3. For Presta valves (common on road bikes), screw the Presta valve adapter onto the Presta valve stem, then connect the air hose to the adapter.
4. For balls, attach the ball needle to the air hose, then insert it into the ball's inflation port.

VERSATILE FOR VARIOUS INFLATION

Comes with 3 nozzles and 1 air hoses



Image: Demonstrates the versatility of the inflator with different nozzles for car tires, basketballs, motorcycle tires, and bicycle tires.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on: Press and hold the power button for 3 seconds.
- To power off: Press and hold the power button for 3 seconds. The device will also automatically power off after a period of inactivity.

5.2 Selecting Inflation Mode and Pressure Unit

- After powering on, press the "Mode" button to cycle through different inflation modes: Car, Motorcycle, Bicycle, Ball. Each mode has a default pressure range.
- Press the "Unit" button to switch between pressure units: PSI, BAR, KPA, Kg/cm².

5.3 Setting Target Pressure

- Use the "+" and "-" buttons to adjust the target pressure to your desired value. Refer to the item's recommended pressure (e.g., on tire sidewall or vehicle manual).

5.4 Starting and Stopping Inflation

- Once the target pressure is set and the hose is connected, press the power button briefly to start inflation.
- The inflator will automatically stop when the target pressure is reached.
- To manually stop inflation, press the power button briefly again.



Image: The inflator connected to a bicycle tire, demonstrating its user-friendly operation with real-time pressure display and automatic shut-off feature.

5.5 LED Lamp Function

- Press the "Light" button (usually indicated by a light bulb icon) to turn on the LED lamp.
- Press again to cycle through different light modes (e.g., steady light, flashing, SOS) or to turn it off.

5.6 Deflation Function

The air hose includes a manual deflation function. To deflate, slide the nozzle down on the valve stem

while connected to release air.

6. MAINTENANCE AND STORAGE

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 storing.

6.2 Battery Care

- Charge the battery fully before long-term storage.
- Recharge the battery every 3-6 months if not in use to maintain battery health.
- Avoid storing the device in extreme temperatures.

6.3 Storage

Store the inflator and its accessories in the provided storage bag in a cool, dry place, away from direct sunlight and moisture. The air hose can be stored within the inflator's built-in compartment.



Image: A transparent view of the inflator highlighting its built-in air hose storage for effortless organization.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	Low battery or no charge.	Charge the inflator fully using the provided USB cable.
Inflator does not start inflating.	Air hose not securely connected. Target pressure not set. Battery too low.	Ensure air hose is tightly screwed on. Set a target pressure using the +/- buttons. Charge the device.
Slow inflation.	Low battery. Air leak from connection.	Charge the device. Check hose connections for tightness.
Inflator overheats.	Extended continuous operation.	Turn off the inflator and allow it to cool down for at least 15-20 minutes before resuming use.
Inaccurate pressure reading.	Sensor issue or calibration needed.	Ensure the connection is secure. If issues persist, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	SH01
Cylinder Size	17 cylinders
Inflation Pressure Range	2-150 PSI / 0.1-10.3 bar
Inflation Speed	18-22 L/min
Battery Life (approx.)	20-25 minutes
Battery Capacity	2 x 2000 mAh (7.4 V) Lithium-ion
Product Weight	0.49 kg (1.01 lbs)
Product Dimensions (L x W x H)	6.2 x 4.39 x 15.8 cm
Noise Level	92 Decibels
Special Features	Automatic Stop, LED Lamp, Fast Inflation, Compact Design

9. WARRANTY AND SUPPORT

VEVOR products are designed and manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official VEVOR website.

Please have your model number (SH01) and purchase date available when contacting support.

Official VEVOR Website: www.vevor.com

