

## Nestling ST-5007

# Nestling Portable Air Compressor User Manual

Model: ST-5007

## 1. INTRODUCTION

The Nestling Portable Air Compressor is a versatile and convenient tool designed for quick and efficient inflation of various items, including car tires, motorcycle tires, bicycle tires, and sports balls. Its cordless, handheld design, coupled with a powerful 150 PSI maximum pressure and automatic shut-off feature, ensures a safe, reliable, and user-friendly experience.



Image: Nestling Portable Air Compressor with included nozzles and charging cable.

## 2. PACKAGE CONTENTS

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## Packing List

- 1 x Tire Inflator
- 1 x Charging Cable
- 4 x Nozzles
- 1 x Manual

Image: Visual representation of the product packaging and contents.

Upon opening the package, ensure all items are present and in good condition:

- 1 x Nestling Tire Inflator (Model: ST-5007)
- 1 x USB Charging Cable
- 4 x Various Nozzles (for different inflation needs)
- 1 x User Manual

### 3. PRODUCT FEATURES

- **Portable & Cordless Design:** Ergonomically designed for easy handheld use and convenient storage in backpacks, pockets, or car consoles.
- **High-Capacity Battery:** Equipped with 2 x 2000 mAh USB rechargeable lithium-ion batteries, providing approximately 30 minutes of continuous usage on a full charge (3-4 hours charging time).
- **Powerful Inflation:** Delivers a maximum pressure of 150 PSI and an airflow of 12L/Min. Can inflate a mid-size car tire from 0 to 35 PSI in 3-5 minutes.
- **Auto Shut-Off Function:** Automatically stops inflation once the preset pressure value is reached, ensuring safety and preventing over-inflation.
- **Digital Display & LED Light:** Features a clear digital display for real-time tire pressure monitoring and a built-in LED light for visibility in low-light conditions or at night.
- **Multi-functional Nozzles:** Includes 4 extra nozzles suitable for various inflatables such as car tires, motorcycles, bicycles, balls, and swimming rings. *(Note: Not suitable for large trucks and motor trucks.)*

# Portable Air Compressor



Image: Key features including automatic stop, digital display, LED lighting, and high capacity battery.

## One Air Pump Solves Various Inflation Problems



**CAR**  
**2.5 BAR**



**MOTORCYCLE**  
**2.0 BAR**



**BIKE**  
**60 PSI**



**BALL**  
**0.5 BAR**



Image: Versatility for cars, motorcycles, bikes, and balls with recommended pressures.

## 4. SETUP

### 4.1 Initial Charging

Before first use, fully charge the portable air compressor. Connect the provided USB charging cable to the charging port on the device and a compatible USB power source (e.g., wall adapter, car charger, power bank). The digital display may indicate charging status. A full charge typically takes 3-4 hours.



## 4.2 Attaching Nozzles

Select the appropriate nozzle for the item you intend to inflate. The inflator comes with various nozzles for different valve types. Securely screw or push the chosen nozzle onto the air hose connection point of the inflator.

## 5. OPERATING INSTRUCTIONS



Image: Step-by-step guide for operating the tire inflator.

1. **Connect to Valve:** Securely connect the inflation tube (with the appropriate nozzle attached) to the air valve of the item you wish to inflate. Ensure a tight seal to prevent air leakage.
2. **Power On & Select Unit:** Press the power button to turn on the device. The digital display will light up. Short press the "R" button to switch between pressure units (BAR, PSI, KPA, KG/CM²).
3. **Set Desired Pressure:** Use the "+" and "-" buttons to adjust the desired target pressure. Refer to the item's recommended pressure (e.g., car tire placard, ball instructions).
4. **Start Inflation:** Press the power button again to begin inflation. The compressor will start operating, and the digital display will show the real-time pressure.

5. **Automatic Stop:** The inflator will automatically stop once the preset pressure is reached.
6. **Disconnect:** Once inflation is complete, disconnect the nozzle from the valve. Long press the "R" button to turn off the tire inflator.

### 5.1 Using the LED Light

The built-in LED light can be activated by a dedicated button (refer to device markings if available, otherwise assume integrated with power or a separate light button). This is useful for inflating in dark environments or during nighttime emergencies.



Image: Illustrates the LED light in use for night-time inflation.

## 6. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth after each use to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the air compressor in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the hose and nozzles are neatly stored to prevent damage.

- **Battery Care:** To prolong battery life, avoid completely draining the battery frequently. Recharge the device periodically even if not in use.
- **Nozzle Inspection:** Regularly inspect nozzles for wear or damage. Replace if necessary to ensure efficient inflation.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or power button not pressed correctly.	Charge the device fully. Ensure the power button is pressed and held for a moment to activate.
Inflation is slow or ineffective.	Nozzle not securely attached, air leak, or item too large.	Check nozzle connection for leaks. Ensure the nozzle is appropriate for the valve. Confirm the item is within the recommended size (not for large trucks).
Device stops prematurely.	Preset pressure reached or battery low.	Check the preset pressure setting. Recharge the battery if low.
Digital display is not working.	Device off or battery low.	Turn on the device. Charge the battery.

## 8. SPECIFICATIONS

- **Model Name:** ST-5007
- **Brand:** Nestling
- **Voltage:** 12 Volts
- **Power Source:** Battery Powered (2 x 2000 mAh Lithium-Ion)
- **Maximum Pressure:** 150 PSI
- **Air Flow Capacity:** 12 LPM (Liters Per Minute)
- **Charging Time:** 3-4 hours (approx.)
- **Continuous Usage Time:** 30 minutes (approx.)
- **Noise Level:** 20 dB
- **Item Weight:** 1.26 pounds
- **Package Dimensions:** 8.39 x 6.26 x 2.64 inches
- **Color:** Black
- **Included Components:** Tire Inflator, USB Charging Cable, 4 Nozzles

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Nestling Portable Air Compressor, please refer to the contact details provided on the product packaging or visit the official Nestling website. Keep your purchase receipt as proof of purchase for warranty claims.

