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> YOUNGDO 150PSI Electric Bicycle Pump (Model AP-005) Instruction Manual

## YOUNGDO AP-005

# YOUNGDO 150PSI Electric Bicycle Pump (Model AP-005) Instruction Manual

Brand: YOUNGDO | Model: AP-005

## 1. INTRODUCTION

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Thank you for choosing the YOUNGDO 150PSI Electric Bicycle Pump. This portable air compressor is designed for convenient and efficient inflation of various items, including bicycle tires, motorcycle tires, and sports balls. Featuring a powerful 6000mAh battery, digital display, and multiple inflation modes, it ensures precise and automatic inflation to your desired pressure. This manual provides essential information for safe and optimal use of your device.

# Portable et léger

Prêt à gonfler en tout temps



*Image: The compact and lightweight design of the YOUNGDO Electric Bicycle Pump, highlighting its portability.*

## 2. SAFETY INFORMATION

- Read all instructions carefully before use.
- Keep out of reach of children.
- Do not operate the pump near flammable liquids or gases.
- Avoid prolonged exposure to direct sunlight or high temperatures.
- Do not disassemble or modify the device.
- Ensure the correct pressure setting for the item being inflated to prevent over-inflation and damage.
- Always check the manufacturer's recommended pressure for your tires or items.
- Do not leave the device unattended while inflating.
- Store the pump in a dry, cool place.

### 3. PACKAGE CONTENTS

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Please check the package for the following items:

- 1x YOUNGDO Electric Bicycle Pump (Model AP-005)
- 1x Schrader Valve Adapter
- 1x Presta Valve Adapter
- 1x Ball Needle
- 1x Conical Needle (for inflatables)
- 1x USB Type-C Charging Cable
- 1x Storage Bag
- 1x User Manual

### 4. PRODUCT OVERVIEW

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The YOUNGDO AP-005 is a compact and powerful electric air pump designed for portability and ease of use. It features a clear digital display and intuitive controls.

# Écran LED & Facile à utiliser



Image: Close-up of the YOUNGDO Electric Bicycle Pump, highlighting its LED screen and control buttons. The screen displays pressure readings and battery level.

## Key Features:

- **Digital Display:** Shows real-time pressure and preset values.
- **Preset Modes:** Dedicated modes for cars, motorcycles, bicycles, and balls, plus a custom mode.
- **Automatic Stop:** Stops inflation automatically once the target pressure is reached.
- **6000mAh Battery:** High-capacity rechargeable battery for extended use.
- **Power Bank Function:** Can charge other devices via its USB output.
- **LED Flashlight:** Integrated LED light for use in low-light conditions or emergencies.
- **Compact Design:** Portable and lightweight for easy carrying.

## 5. SETUP

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## 5.1. Initial Charging

Before first use, fully charge the pump using the provided USB Type-C cable and a compatible USB power adapter (not included). The battery indicator on the digital display will show charging progress.

## 5.2. Attaching the Air Hose

Screw the air hose securely into the inflation port on the top of the pump. Ensure it is tightened to prevent air leakage.

## 5.3. Selecting the Correct Nozzle

Choose the appropriate nozzle for the item you intend to inflate:

- **Schrader Valve:** Directly connect the air hose to the valve.
- **Presta Valve:** Use the Presta valve adapter.
- **Sports Balls:** Use the ball needle.
- **Inflatables (e.g., swimming rings):** Use the conical needle.

# Mode désiré préréglé

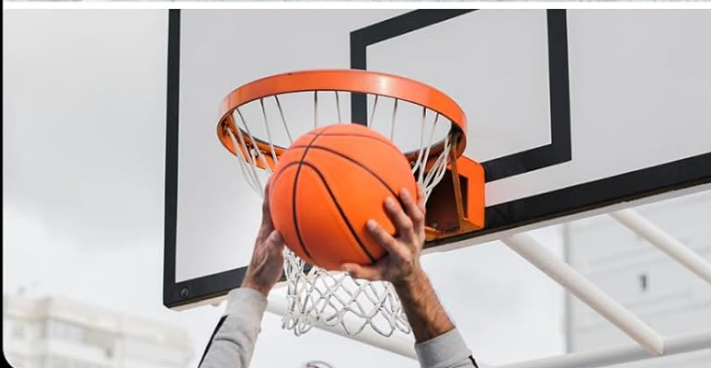
Arrêt automatique de sécurité



Vélo  
**45PSI**  
◀◀◀



Motocyclette  
**2.4bar**  
◀◀◀



Basket-ball  
**8 PSI**  
◀◀◀



Image: The pump demonstrating its compatibility with bicycle, motorcycle, and basketball inflation, showing the different adapters.

## 6. OPERATING INSTRUCTIONS

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### 6.1. Power On/Off

Press and hold the power button ( ) for 3 seconds to turn the pump on or off.

### 6.2. Mode Selection

Once powered on, press the mode button **(M/U)** to cycle through the preset inflation modes: Car, Motorcycle, Bicycle, Ball, and Custom. Each mode has a default pressure range. The digital display will show the selected mode icon.

### 6.3. Setting Target Pressure

In any mode, use the '+' and '-' buttons to adjust the desired target pressure. The display will show the current pressure and the target pressure. The pump supports PSI, BAR, KPA, and Kg/cm<sup>2</sup> units. Press and hold the mode button **(M/U)** to switch between pressure units.

### 6.4. Starting Inflation

Connect the appropriate nozzle and air hose to the item you wish to inflate. Once connected, the display will show the current pressure of the item. Press the power button ( ) once to start inflation. The pump will automatically stop when the target pressure is reached.

# Gonflage rapide



≤ **70** s  
0 → 120PSI  
700\*25C

≤ **2** min  
0 → 38PSI  
27.5"X 2.2"

*Image: The portable air compressor actively inflating a bicycle tire, with the digital display showing the pressure. This demonstrates the fast inflation capability.*

## 6.5. Using the LED Flashlight

Press the light button ( ) once to turn on the LED flashlight. Press again to cycle through different lighting modes (e.g., steady, SOS). Press a third time to turn off the light.

## 6.6. Power Bank Function

The pump can act as a power bank. Connect your mobile phone or other USB-powered device to the USB output port on the pump using a compatible cable to charge it.

# Power Bank & Lampe de poche / SOS



Image: The multi-functional pump being used to charge a smartphone and as an LED flashlight, demonstrating its power bank and emergency lighting capabilities.

## 7. MAINTENANCE

- Clean the pump regularly with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the air hose and nozzles are free from dust and debris before and after use.
- Store the pump and accessories in the provided storage bag to protect them from damage.
- Charge the battery at least once every 3 months if not in regular use to maintain battery health.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pump does not turn on.	Low battery or device is off.	Charge the pump. Press and hold the power button for 3 seconds.
No air comes out during inflation.	Hose not properly connected, nozzle blocked, or incorrect mode selected.	Ensure hose is tightly screwed. Check nozzle for blockages. Verify correct inflation mode.
Inaccurate pressure reading.	Loose connection or valve issue.	Ensure a tight connection to the valve. Check the valve for damage.
Pump stops unexpectedly.	Target pressure reached, low battery, or overheating.	Check target pressure. Recharge battery. Allow pump to cool down if hot.

## 9. SPECIFICATIONS

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- **Model Number:** AP-005
- **Brand:** YOUNGDO
- **Color:** Black
- **Material:** Aluminum
- **Dimensions (L x W x H):** 17.2 x 7 x 5.5 cm (6.77 x 2.76 x 2.17 inches)
- **Weight:** 598 grams (1.32 lbs)
- **Power Source:** Battery Powered (1 Lithium-polymer battery required)
- **Battery Capacity:** 6000mAh
- **Maximum Pressure:** 150 PSI (10.34 Bar)
- **Operating Mode:** Automatic
- **Voltage:** 5 Volts
- **Included Components:** Schrader valve, Presta valve, ball needle, conical needle

# Batterie de grande capacité de 6000mAh

# 6000mAh

Pneu de moto		
<b>8~10</b>		
Pneu de vélo		
<b>10~15</b>		
Basket-ball		
<b>40~50</b>		



Image: Visual representation of the 6000mAh battery capacity, indicating it can inflate 8-10 motorcycle tires, 10-15 bicycle tires, or 40-50 basketballs on a single charge.

## 10. WARRANTY & SUPPORT

For any questions or issues during use, please contact YOUNGDO customer service via Amazon. We are committed to responding within 24 hours to ensure your satisfaction.

Please refer to your purchase documentation for specific warranty details.