

Tuomico HT-790

Tuomico Rechargeable SUP Air Pump Instruction Manual

Model: HT-790

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your Tuomico Rechargeable SUP Air Pump. This intelligent electric air pump is designed for two-stage inflation, featuring an LCD display for real-time pressure monitoring and an automatic stop function. It is equipped with a built-in sand filter and a pump cooling system for optimal performance and durability. Please read this manual thoroughly before using the product.

2. SAFETY INFORMATION

- Do not operate the pump in wet conditions or immerse it in water.
- Keep out of reach of children.
- Ensure the correct nozzle is securely attached to the inflatable item before starting the pump.
- Do not exceed the maximum pressure rating of the inflatable item.
- Monitor the pump during operation to prevent overheating. The pump has a built-in cooling system, but prolonged use in extreme heat may require a cool-down period.
- Use only the provided charging cables and adapters.
- Do not block the air intake or exhaust ports during operation.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Tuomico Rechargeable SUP Air Pump (Model: HT-790)
- Inflation Hose
- 5 Universal Nozzle Attachments
- AC Wall Adapter
- 12V DC Car Connector Cable
- Carrying Bag
- User Manual (this document)



Figure 3.1: The Tuomco Rechargeable SUP Air Pump shown with its included hose, various nozzle attachments, and carrying bag.

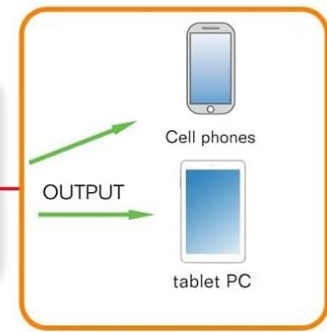
4. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your air pump:

Built-in 6000mAh Rechargeable Battery



USB 1A and 2A



Working Ways:

Connecting the wall plug
Connecting the car power cord



Figure 4.1: Detailed view of the pump's features, including the LCD screen, USB charging ports, LED light button, pressure unit toggle, pressurizing button, air tap, on/off button, decompressing button, DC plug storage, charge port, hose, deflation outlet, and DC plug.

1. **Pressure Value LCD Screen:** Displays real-time pressure and settings.
2. **USB 1A, 2A Charging Output Port:** For charging external devices.
3. **LED Light Button:** Activates the built-in LED lights.
4. **Pressure Unit Toggle Button:** Switches between PSI and Bar.
5. **Pressurizing Button (+):** Increases target pressure.
6. **Air Tap:** Connection point for the hose.
7. **On/Off Button:** Powers the unit on or off.
8. **Decompressing Button (-):** Decreases target pressure.
9. **Adapter:** AC wall adapter for charging.
10. **LED Light:** Integrated lights for visibility.
11. **Inflation Inlet:** Port for inflating items.
12. **Charge Port:** Input for charging the pump's internal battery.

- 13. **Hose:** Flexible hose for connecting to inflatables.
- 14. **Deflation Outlet:** Port for deflating items.
- 15. **Air Tap:** Connection point for the hose.
- 16. **DC Plug Storage Place:** Compartment for the 12V DC car connector.
- 17. **DC Plug:** 12V DC car connector for power.

5. SPECIFICATIONS

Feature	Specification
Brand	Tuomico
Model Number	HT-790
Color	Rechargeable Paddle Board Pump Black
Item Weight	3.01 Kilograms
Product Dimensions (L x W x H)	9.3" x 5.5" x 5.1"
Power Source	Rechargeable-Battery & 12V DC Car Connector
Air Flow Capacity (Stage 1)	350 LPM
Air Flow Capacity (Stage 2)	70 LPM
Maximum Pressure	16 PSI
Operation Mode	Automatic Two-Stage
Material	ABS+PA
Air Hose Length	3.3 Ft
Car Power Cord Length	9.8 Ft
Wall Power Cord Length	4.9 Ft



Figure 5.1: Visual representation of the pump's key specifications.

6. SETUP

6.1 Charging the Pump

Before initial use, fully charge the pump's internal battery. You have two charging options:

1. **Using the AC Wall Adapter:** Connect the AC wall adapter to the pump's charge port (12) and plug it into a standard wall outlet.
2. **Using the 12V DC Car Connector:** Connect the 12V DC car connector (17) to the pump's charge port (12) and plug it into your vehicle's 12V cigarette lighter socket. For optimal charging, it is recommended to have the vehicle engine running.

The LCD display will indicate the battery charge level. A full charge typically takes a few hours.



Figure 6.1: The pump's built-in 6000mAh rechargeable battery can be charged via a wall plug or a 12V car power cord. It also features USB output ports for charging other devices.

6.2 Attaching the Hose and Nozzles

The pump comes with a flexible hose and 5 universal nozzle attachments to fit various inflatables.

1. Identify the correct nozzle for your inflatable item. The pump is compatible with most high-pressure inflatables such as stand-up paddle boards, yoga balls, inflatable boats/kayaks, air mattresses, pool floats, inflatable sofas, and tents.
2. Attach the chosen nozzle to one end of the inflation hose (13). Ensure the plastic ring on the nozzle is correctly positioned for a secure, airtight seal.
3. For inflation, connect the other end of the hose to the **Inflation Inlet** (11) on the pump by screwing it on securely.
4. For deflation, connect the hose to the **Deflation Outlet** (14) on the pump by screwing it on securely.



Figure 6.2: Proper attachment of the nozzle to the inflatable valve. Ensure the plastic ring is on the correct side for a secure fit.

7. OPERATING INSTRUCTIONS

7.1 Inflation Process

1. Connect the hose with the appropriate nozzle to the **Inflation Inlet** (11) on the pump and to the valve of your inflatable item.
2. Press the **On/Off Button** (7) to power on the pump. The LCD display (1) will illuminate.
3. Use the **Pressurizing Button** (+) (5) and **Decompressing Button** (-) (8) to set your desired target pressure (PSI or Bar). You can toggle the pressure unit using the **Pressure Unit Toggle Button** (4).
4. Once the desired pressure is set, press the **On/Off Button** (7) again to start the inflation process.
5. The pump will operate in two stages:
 - **Stage 1:** High volume, low pressure (350 L/min) for rapid initial inflation.
 - **Stage 2:** Low volume, high pressure (70 L/min) for reaching the set PSI.
6. The pump will automatically stop once the set target pressure is reached.
7. Disconnect the hose from the inflatable and the pump.

7.2 Deflation Process

To quickly deflate your inflatable item:

1. Connect the hose with the appropriate nozzle to the **Deflation Outlet** (14) on the pump and to the valve of your inflatable item.
2. Press the **On/Off Button** (7) to power on the pump.
3. The pump will begin to extract air from the inflatable.
4. Once deflated, press the **On/Off Button** (7) to turn off the pump and disconnect the hose.

7.3 Using USB Charging Ports

The pump features two USB output ports (2) (1A and 2A) that allow you to charge other electronic devices, such as cell phones or tablet PCs, using the pump's internal battery.

7.4 Using LED Lights

The pump is equipped with three built-in LED lights (10) for illumination in low-light conditions. Press the **LED Light Button** (3) to turn the lights on or off.



Figure 7.1: The pump's integrated LED lights provide illumination, useful for nighttime setup or packing.



Specification

Air Pressure: 0-16 PSI (the highest point is 1.10 Bar)

Air Flow: 350(A)L/min, 70(B)L/min

Air Pump Power(W): 110W(A)/100W(B)

Power Supply Voltage: AC 100-240V(Wall Plug); DC12V(Car Aadapter)

Noise: ≤85 dB

Material: ABS+PA

Air Hose Length: 3.3 Ft

Car Power Cord Length: 9.8 Ft

Wall Power Cord Length: 4.9 Ft

Figure 7.2: Examples of compatible inflatables, including yoga balls, inflatable sofas, tents, beds, floating rafts, and paddle boards.

8. MAINTENANCE

- **Cleaning:** Wipe the exterior of the pump with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the air intake and exhaust ports are free from dust and debris. The pump has a built-in sand filter; clean it periodically if operating in sandy environments.
- **Storage:** Store the pump and all accessories in the provided carrying bag in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, charge the pump fully before long-term storage and recharge it every 3-6 months if not in use.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	Low battery; Power button not held long enough.	Charge the pump fully. Press and hold the power button for 3-5 seconds to turn on.
Pump inflates slowly or not to desired PSI.	Hose/nozzle not securely attached; Air leak; Obstruction in air path; Inflatable item is too large for pump capacity.	Ensure all connections are tight. Check for punctures in the inflatable. Clear any obstructions. Verify pump capacity meets inflatable requirements.
Pump overheats and shuts off.	Prolonged continuous use; Blocked air vents.	Allow the pump to cool down for at least 15-20 minutes. Ensure air vents are clear and unobstructed.
LCD display is not working.	Low battery; Malfunction.	Charge the pump. If the issue persists, contact customer support.

10. WARRANTY AND SUPPORT

Your Tuomico Rechargeable SUP Air Pump is covered by a manufacturer’s warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official Tuomico website.

If you encounter any issues or have questions regarding your product, please contact Tuomico Customer Support. Our team is dedicated to providing assistance and ensuring your satisfaction.

Customer Support: Please refer to the contact information provided on the product packaging or the official Tuomico brand store on Amazon: [Tuomico Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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