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Tuomico 20PSI Electric Portable Inflator & Deflator

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Model: 20PSI Electric Portable Inflator & Deflator

INTRODUCTION

Thank you for choosing the Tuomico 20PSI Electric Paddle Board Pump. This portable inflator and deflator is designed for efficient and convenient inflation of various inflatables, including stand-up paddleboards, kayaks, and other items requiring high pressure. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your pump.



Image: The Tuomico electric pump positioned on an inflatable paddleboard, demonstrating its compact size and readiness for use.

SAFETY INFORMATION

- **Do not operate the pump in wet conditions.** Keep the pump dry and away from water.
- **Ensure proper ventilation.** Do not block the air intake or exhaust ports during operation.
- **Keep out of reach of children.** This is not a toy.
- **Use only with a 12V DC power source.** Connect to a car cigarette lighter socket. Ensure the vehicle engine is running for optimal performance and to prevent draining the car battery.
- **Do not exceed the maximum pressure rating** of the inflatable item. Always check the recommended PSI for your inflatable.
- **Avoid continuous operation for extended periods.** The pump features an active cooling system, but prolonged use without breaks can lead to overheating. Allow the pump to cool down if it becomes excessively warm.
- **Always use the correct nozzle adapter** for your inflatable to ensure a secure connection and prevent air leakage.

- **Disconnect the power source** when not in use or before performing any maintenance.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Tuomico 20PSI Electric Paddle Board Pump
- Inflation Hose
- 7 Nozzle Adapters (various sizes for different inflatables)
- 12V DC Car Connector Power Cable
- Carrying Bag
- User Manual (this document)



Image: The Tuomico electric pump shown alongside its inflation hose, various nozzle adapters, and carrying bag.

PRODUCT FEATURES

- **High Pressure & Dual Stage Inflation:** Inflates up to 20 PSI quickly and efficiently.
- **Automatic Shut-off:** Set your desired pressure, and the pump will stop automatically once reached.
- **Digital Display:** Large screen for real-time pressure monitoring (PSI and BAR).
- **Active Cooling System:** Designed for continuous pumping, allowing inflation of multiple boards consecutively.
- **Versatile Compatibility:** Works with 12V DC car connectors, compatible with both fuel-powered vehicles and Tesla vehicles.
- **Multi-purpose:** Suitable for paddleboards, kayaks, boats, kites, tents, airbeds, yoga balls, and more, thanks to the included 7 nozzle adapters.
- **Compact & Portable:** Lightweight design (1.15 kg) with a carrying bag for easy transport.



Image: An internal diagram highlighting the active cooling system, which enables the pump to inflate multiple items in a row without overheating.

LARGE SCREEN FOR REAL TIME MONITORING



Image: The electric pump displayed with its array of 7 different nozzle adapters, showcasing its versatility for various inflatable items.

SETUP

1. **Connect the Hose:** Screw the inflation hose securely into the "OUT" port on the pump.
2. **Attach Nozzle:** Select the appropriate nozzle adapter for your inflatable item and attach it firmly to the other end of the inflation hose. Ensure the O-ring is properly seated for a tight seal.
3. **Connect Power:** Plug the 12V DC car connector into your vehicle's cigarette lighter socket. For optimal performance and to prevent battery drain, it is recommended to start your vehicle's engine before plugging in the pump.
4. **Prepare Inflatable:** Ensure the valve on your inflatable is clean and free of debris.



Image: The electric pump connected to a paddleboard, demonstrating the proper attachment of the hose and nozzle to the inflatable's valve.

OPERATING INSTRUCTIONS

Inflation

1. **Power On:** Press the power button (**ON/OFF**) on the pump. The digital display will illuminate.
2. **Set Desired Pressure:** Use the "PSI" or "BAR" button to select your preferred pressure unit. Then, use the "+" and "-" buttons to set the target pressure. Refer to your inflatable's manufacturer recommendations for the correct PSI.
3. **Start Inflation:** Connect the nozzle to the inflatable's valve. Press the power button again to start the inflation process. The pump will operate in two stages: a high-volume stage for rapid initial inflation, followed by a high-pressure stage to reach the set PSI.
4. **Automatic Shut-off:** The pump will automatically stop once the preset pressure is reached.
5. **Disconnect:** Disconnect the nozzle from the inflatable and then unplug the pump from the 12V power source.

WORK WELL WITH BOTH FUEL-CAR AND TESLA



Image: A detailed view of the pump's control panel, illustrating the digital display, PSI/BAR unit selection, and pressure adjustment buttons for precise inflation.

Deflation

To deflate your inflatable item:

1. **Connect for Deflation:** Connect the inflation hose to the "IN" (deflation) port on the pump.
2. **Attach Nozzle:** Attach the appropriate nozzle adapter to the inflatable's valve.
3. **Start Deflation:** Press the power button to start the deflation process. The pump will actively draw air out of the inflatable, making it easier to roll up and store.
4. **Stop Deflation:** Once the inflatable is sufficiently deflated, press the power button again to stop the pump.
5. **Disconnect:** Disconnect the nozzle from the inflatable and unplug the pump from the 12V power source.

MAINTENANCE

- **Cleaning:** Wipe the pump's exterior with a soft, dry cloth after each use. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the pump, hose, and accessories in the provided carrying bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Check Connections:** Periodically inspect the hose and nozzle adapters for any signs of wear, cracks, or damage. Ensure O-rings are intact and properly seated for an airtight seal.
- **Air Vents:** Keep the air intake and exhaust vents clear of dust and debris to ensure proper airflow and prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	No power from 12V socket; loose connection; vehicle engine off.	Ensure 12V socket is functional. Check power cable connection. Start vehicle engine.
Pump inflates slowly or not to desired PSI.	Air leakage from hose/nozzle; incorrect nozzle; low vehicle voltage; pump overheating.	Check all connections for tightness. Ensure correct nozzle is used. Start vehicle engine. Allow pump to cool if hot.
Pump stops unexpectedly.	Reached preset pressure; overheating; power interruption.	Check digital display for target pressure. Allow pump to cool. Verify power connection.
Air leaks from hose connection.	Hose not screwed in tightly; damaged O-ring; incorrect nozzle.	Tighten hose connections. Inspect and replace O-rings if damaged. Ensure correct nozzle is used and fully inserted.

SPECIFICATIONS

- **Model:** 20PSI Electric Portable Inflator & Deflator
- **Brand:** Tuomico
- **Maximum Pressure:** 20 PSI
- **Power Source:** 12V DC (Car Connector)
- **Air Flow Capacity:** 350 liters per minute
- **Operation Mode:** Automatic
- **Product Dimensions:** 17.8L x 17.3W x 7.6H centimetres
- **Item Weight:** 1.15 kg
- **Material:** Plastic
- **Included Components:** Carrying Bag, Electric Sup Pump, Hose, 7 Nozzles

WARRANTY AND SUPPORT

The Tuomico 20PSI Electric Paddle Board Pump has undergone rigorous testing and holds FCC & CE certifications, ensuring quality and safety. For any questions regarding use, installation, or accessories, please contact our dedicated customer service team. Refer to your purchase documentation for specific warranty details and contact information.

For further assistance, please visit the official Tuomico website or contact your retailer.

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

Anonymous

Email

you@example.com

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