

Tuomico HT-782

Tuomico 20PSI High Pressure SUP Electric Air Pump Instruction Manual

Model: HT-782

PRODUCT OVERVIEW

The Tuomico 20PSI High Pressure SUP Electric Air Pump is designed for efficient inflation and deflation of various high-pressure inflatables, including stand-up paddle boards, kayaks, boats, and tents. It features dual-stage inflation, a digital LCD screen for precise pressure settings, and an auto shut-off function to prevent over-inflation. Powered by a 12V DC car connector, it offers convenience for on-the-go use.

SAFETY INFORMATION

- Ensure the pump is connected to a stable 12V DC power source.
- Do not operate the pump in wet conditions or expose it to rain.
- Keep children and pets away from the operating pump.
- Do not block the air intake or outlet during operation.
- Set the correct pressure (PSI/BAR) for your inflatable to avoid over-inflation and damage.
- Allow the pump to cool down if it becomes excessively hot during prolonged use.

PACKAGE CONTENTS

- 1 × Tuomico Electric SUP Pump
- 1 × User Manual (this document)
- 1 × 3.3 feet High Pressure Hose
- 5 × Valve Adapters
- 1 × 11.2 feet DC Car Power Cord
- 3 × O-rings (3mm, 5mm, 6mm)

PRODUCT FEATURES

- **Max Pressure:** 20 PSI for high-pressure inflatables.
- **Dual Stage Inflation:** Quickly inflates and then switches to high-pressure mode for optimal firmness.
- **Digital Pressure LCD Screen:** Displays accurate air pressure (to 0.01 PSI) and allows selection of PSI/Bar units.
- **Auto Shut-Off:** Automatically stops when the preset pressure is reached, preventing over-inflation.
- **Inflation & Deflation Function:** Supports both inflating and deflating for easy setup and packing.
- **Universal Valve Adapters:** Compatible with HR valves for SUPs, kayaks, and other inflatables like yoga balls, inflatable boats, dinghies, pool floats, air sofas, and tents.
- **12V DC Car Connector:** Powered by your vehicle's cigarette lighter outlet for portable use.
- **Compact Design:** Easy to transport and store.

SETUP INSTRUCTIONS

1. **Connect Power:** Plug the 11.2 feet DC car power cord into your vehicle's 12V cigarette lighter outlet.
2. **Attach Hose:** Screw the 3.3 feet high-pressure hose into the "INFLATE" port on the pump for inflation, or the "DEFLATE" port for deflation.
3. **Select Adapter:** Choose the appropriate valve adapter from the 5 included adapters that matches your inflatable's valve. Ensure a snug fit. If necessary, select one of the 3 included O-rings (3mm, 5mm, 6mm) to ensure a perfect seal with your valve to prevent leaks.
4. **Connect to Inflatable:** Securely attach the chosen adapter to your inflatable's valve.



Image: The Tuomico electric pump connected to a paddle board, demonstrating the inflation process.

OPERATING INSTRUCTIONS

1. **Power On:** Press the power button () on the pump's control panel. The LCD screen will illuminate.
2. **Set Pressure:** Use the + and - buttons to set your desired target pressure (PSI). Refer to your inflatable's manufacturer recommendations for the correct PSI. You can toggle between PSI and BAR units using the "PSI/BAR" button.
3. **Start Inflation:** Press the power button () again to start the inflation process. The pump will operate in dual-stage mode, first rapidly inflating and then switching to high-pressure mode.
4. **Auto Shut-Off:** The pump will automatically stop once the preset pressure is reached.
5. **Deflation:** To deflate, disconnect the hose from the "INFLATE" port and connect it to the "DEFLATE" port. Attach the appropriate adapter to your inflatable's valve and press the power button () to start deflation.
6. **Power Off:** Press the power button () to turn off the pump when finished.



Image: Close-up of the pump's digital control panel, showing the LCD screen, PSI/BAR button, pressure adjustment buttons, and power button.

Your browser does not support the video tag.

Video: Demonstration of the Tuomico SUP Electric Air Pump in use, showing how to connect it to a paddle board and set the desired PSI for inflation. The video highlights the automatic shut-off feature once the target pressure is reached.

MAINTENANCE

- After each use, ensure the pump and hose are clean and free of sand or debris.
- Store the pump in a dry, cool place away from direct sunlight.
- Regularly check the hose and adapters for any signs of wear or damage. Replace if necessary.
- Ensure the O-rings are properly seated and in good condition to maintain an airtight seal.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	No power from 12V outlet; loose connection.	Check vehicle's 12V outlet for power; ensure power cord is securely plugged in.

Problem	Possible Cause	Solution
Slow inflation or air leakage.	Improper adapter fit; damaged O-ring; hose not securely attached.	Ensure correct adapter is used and securely attached. Check O-rings for damage and replace if needed. Tighten hose connections.
Pump overheats and shuts off.	Prolonged continuous use.	Allow the pump to cool down for 15-20 minutes before resuming operation. Avoid direct sunlight during use.
Inaccurate pressure reading.	Loose connection or faulty sensor.	Check all connections for tightness. If problem persists, contact customer support.

SPECIFICATIONS

- **Brand:** Tuomico
- **Model:** HT-782
- **Color:** Black
- **Material:** Plastic
- **Item Weight:** 1.8 Kilograms
- **Product Dimensions:** 9.8"L x 6.9"W x 6.1"H
- **Power Source:** Corded Electric (12V DC Car Connector)
- **Air Flow Capacity:** 350 Liters Per Minute
- **Maximum Pressure:** 20 PSI (Pound per Square Inch)
- **Operation Mode:** Automatic
- **Hose Length:** 3.3 Feet
- **DC Car Power Cord Length:** 11.2 Feet
- **UPC:** 827178147371

WARRANTY AND SUPPORT

Tuomico products typically come with a manufacturer's warranty. For specific warranty details, support, or replacement parts, please refer to the warranty card included in your package or contact Tuomico customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, visit the official [Tuomico Store on Amazon](#).

ADDITIONAL INFORMATION



Programmed intelligent digital controller for dual stage inflation and LCD display. Major parts made of marine grade engineered ABS and Nylon material for durability.



Standard H.R. Valve



Bravo Air Valve



NARU Air Valve

Image: The Tuomico pump showcasing its multiple universal valve adapters, compatible with various inflatables.

Dimensions



Item Weight: 1.8 Kilograms

Image: Diagram illustrating the compact dimensions and weight of the Tuomico electric pump.

Your browser does not support the video tag.

Video: A product overview video demonstrating the Tuomico electric pump's features and ease of use for inflating various items.