

Pumteck AP1-P

Pumteck Electric Ball Pump

MODEL: AP1-P

Smart Air Pump for Football, Basketball, Volleyball

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1. Introduction

Thank you for choosing the Pumteck Electric Ball Pump. This smart air pump is designed for fast and precise inflation of various sports balls, including footballs, basketballs, and volleyballs. Its portable and compact design, coupled with a digital LCD display and intelligent pressure detection, makes it an essential tool for athletes and sports enthusiasts.

Included Components:

- Smart Ball Pump
- User Manual
- Waterproof Bag
- Ball Needle (2 pieces)
- 10cm Air Hose
- USB Charging Cable



Figure 1: Pumteck Electric Ball Pump and its included accessories.

2. Important Safety Instructions

Please read all safety instructions carefully before using the device.

- Do not leave the device unattended during the inflation process.
- Keep the pump away from flammable or explosive materials.
- Avoid moistening the device with liquids or solvents.
- Do not store the product in a place that is too hot or too cold.
- Avoid accidentally touching the switch during use, which may cause the air pump to stop working before the ball is fully inflated.
- For the first use, it is recommended to test the most suitable PSI multiple times. The pump has a memory function and will save the last used PSI for the next power-on.

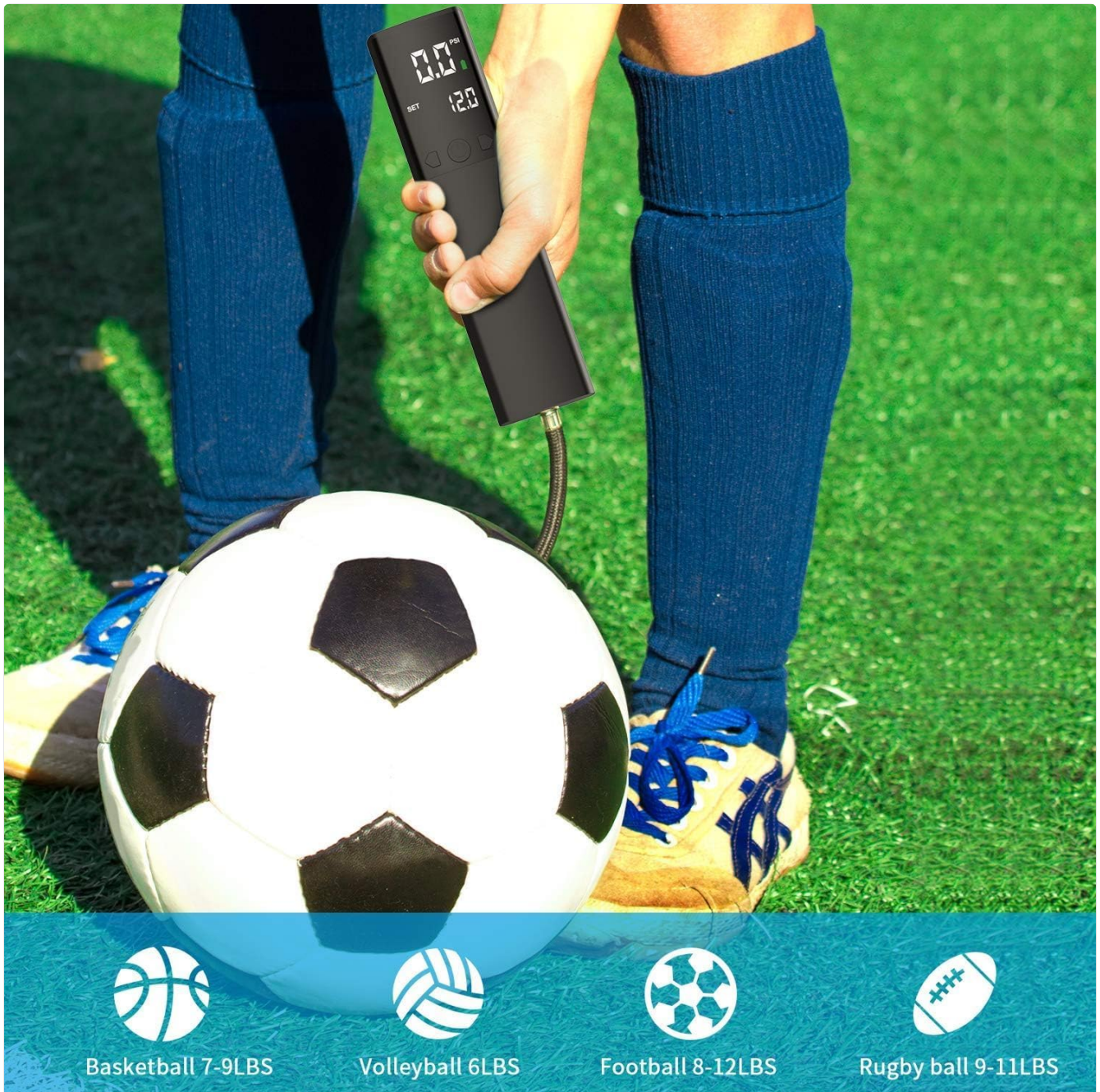


Figure 2: Safety warnings and product features on the packaging.

3. Setup

3.1 Charging the Pump

Before first use, fully charge the Pumteck Electric Ball Pump. Connect the provided USB charging cable to the Micro USB port on the pump and to a compatible USB power source (e.g., wall adapter, computer USB port). A full charge takes approximately 2 hours. The battery indicator on the LCD display will show charging status.



Figure 3: The Micro USB charging port is located at the top of the pump.

3.2 Attaching Accessories

There are two primary ways to connect the inflation accessories:

1. **Using the Air Hose:** Connect one end of the 10cm air hose to the ball needle and the other end to the air outlet of the pump. Ensure all connections are secure to prevent air leaks.
2. **Direct Connection:** Directly screw the ball needle onto the air outlet of the pump.

After installing the accessories, it is advisable to test each connection point to ensure proper installation and check for any air leaks. If there is a leak, readjustments are necessary to ensure the pump obtains more accurate pressure, enhancing the inflation experience.



Figure 4: The pump comes with a ball needle and a 10cm air hose for flexible connection options.

4. Operating Instructions

4.1 Powering On/Off

- **To Power On:** Press and hold the power button (center button) until the LCD display illuminates.
- **To Power Off:** Press and hold the power button again until the display turns off.

4.2 Setting Desired PSI

The pump features a digital pressure gauge and LCD display. You can preset the desired PSI (Pounds per Square Inch) for your ball.

1. Once powered on, the display will show the current pressure (0.0 PSI if not connected) and a preset target pressure.

2. Use the "+" and "-" buttons to adjust the target PSI to your desired value. Refer to your ball's recommended PSI (usually printed near the valve).
3. Due to a possible 1 PSI error in the pressure sensor, it is recommended to add 1 PSI more than the expected value for better results when presetting.

4.3 Inflation Process

1. Moisten the ball needle before inserting it into the ball's valve.
2. Fully insert the needle into the ball's valve.
3. Press the power button once to start inflation. The pump will display the real-time pressure as it inflates.
4. The pump will automatically stop inflating once the preset pressure is reached.
5. Carefully remove the needle from the ball.



Figure 5: Step-by-step guide for using the preset inflation mode.

4.4 Using the LED Flashlight

The pump includes a bright LED light for convenience in low-light conditions.

- **To Turn On:** Double-tap the "+" button.

- **To Turn Off:** Double-tap the "+" button again.

5. Maintenance

- Clean the pump's exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the pump and its accessories in the provided waterproof bag when not in use to protect it from dust and moisture.
- Ensure the ball needle and air hose are clean and free of debris before and after each use.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

Problem	Possible Cause	Solution
Pump does not turn on.	Low battery.	Charge the pump for 2 hours using the provided USB cable.
Pump inflates slowly or not at all.	Air leak in connections; Needle not fully inserted.	Check all connections (hose to pump, needle to hose/pump) for tightness. Ensure needle is fully inserted into the ball's valve.
Displayed pressure is inaccurate.	Pressure sensor calibration issue.	Press the "+" and "-" buttons simultaneously to restore calibration (do this without an inflatable object connected).
Pump stops before reaching preset PSI.	Accidental button press during inflation.	Restart the inflation process. Ensure not to press buttons during inflation.

7. Specifications

Feature	Detail
Model Name	AP1-P
Brand	Pumteck
Color	Black
Material	Aluminum

Feature	Detail
Item Weight	0.55 Pounds
Product Dimensions	1.57"L x 1.57"W x 6.29"H
Power Source	Corded Electric (USB)
Air Flow Capacity	4 LPM
Maximum Pressure	15 PSI
Battery Capacity	2000mAh
Charging Time	Approx. 2 hours
Inflations per Charge	Up to 30 balls
UPC	778809004436

8. Warranty & Support

Warranty: The Pumteck Electric Ball Pump comes with a 1-Year Manufacturer's Warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

Customer Support: For any questions, technical assistance, or warranty claims, please contact Pumteck customer support through the retailer's platform or visit the official Pumteck store on Amazon. Please have your product model number (AP1-P) and purchase details ready when contacting support.

Visit the Pumteck Store: [Pumteck Amazon Store](#)



Figure 6: For assistance, please contact our customer support team.