

SUNPOW NW01-P

SUNPOW NW01-P Electric Air Pump User Manual

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your SUNPOW NW01-P Electric Air Pump. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

- Ensure the device is fully charged before first use.
- Do not operate the air pump near flammable liquids or gases.
- Keep out of reach of children.
- Avoid prolonged continuous operation to prevent overheating. Allow the device to cool down if it becomes hot.
- Do not expose the device to rain or moisture.
- Always check the recommended pressure for the item being inflated to avoid over-inflation.
- Disconnect the air hose from the valve immediately after inflation is complete.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x SUNPOW NW01-P Electric Air Compressor
- 3 x Nozzles (various types for different applications)
- 1 x Air Tube (braided for durability)
- 1 x USB Charging Cable
- 1 x Storage Bag
- 1 x User Manual

QUE RECEVREZ-VOUS



Figure 1: Included components of the SUNPOW NW01-P Electric Air Pump.

PRODUCT FEATURES

The SUNPOW NW01-P Electric Air Pump is designed for efficient and versatile inflation:

- **High Performance:** Equipped with a 15,000 RPM motor and a 19-cylinder air pump, delivering a fast airflow of 32 L/min and a maximum pressure of 160 PSI.
- **Cordless Operation:** Features a built-in 7500 mAh rechargeable battery, providing up to 40 minutes of continuous inflation on a full charge.
- **Smart Inflation:** Offers 5 preset inflation modes (Car, Motorcycle, Bicycle, Ball, Manual) with real-time pressure monitoring.
- **Automatic Shut-off:** Automatically stops inflation once the preset pressure is reached, preventing over-

inflation.

- **LCD Touch Screen:** Clear display for monitoring preset and real-time tire pressure.
- **Multifunctional Design:** Includes integrated LED lights for emergency illumination and a fast-charging USB port for use as a mobile power bank.
- **Durable Construction:** Enhanced braided inflatable tube for improved heat resistance.



Figure 2: The SUNPOW NW01-P Electric Air Pump and its versatile applications.

PERFORMANCE PUISSANTE



Figure 3: Performance specifications of the SUNPOW NW01-P.

SETUP

- Charge the Device:** Before initial use, fully charge the air pump using the provided USB charging cable. Connect the cable to the pump's charging port and a suitable USB power adapter (not included). The battery indicator on the LCD screen will show charging status.
- Attach Air Tube:** Screw the braided air tube securely onto the air outlet port of the pump.
- Select Nozzle:** Choose the appropriate nozzle for the item you intend to inflate and attach it to the other end of the air tube.

OPERATING INSTRUCTIONS

Follow these steps to inflate items using your SUNPOW NW01-P Electric Air Pump:

1. **Power On:** Press and hold the power button to turn on the device. The LCD screen will illuminate.
2. **Connect to Item:** Connect the air tube with the attached nozzle to the valve of the item you wish to inflate. Ensure a secure connection to prevent air leakage.
3. **Select Mode:** Press the 'Mode' button to cycle through the 5 preset inflation modes: Car, Motorcycle, Bicycle, Ball, and Manual. The selected mode icon will be displayed on the screen.
 - **Car Mode:** Default pressure range 2-65 PSI.
 - **Motorcycle Mode:** Default pressure range 2-55 PSI.
 - **Bicycle Mode:** Default pressure range 2-150 PSI.
 - **Ball Mode:** Default pressure range 2-15 PSI.
 - **Manual Mode:** Allows custom pressure setting up to 160 PSI.



Figure 4: The 5 preset inflation modes and their pressure ranges.

4. **Set Target Pressure:** Use the '+' and '-' buttons to adjust the target pressure. The real-time pressure of the connected item will be displayed, allowing you to compare it with your target.
5. **Start Inflation:** Press the 'Start/Stop' button to begin inflation. The pump will automatically stop once the target pressure is reached.



Figure 5: Automatic shut-off feature in action.

6. **Disconnect:** Once inflation is complete and the pump has stopped, quickly disconnect the air tube from the item's valve.
7. **Power Off:** Press and hold the power button to turn off the device.

Using the LED Light

The integrated LED light can be used for illumination in low-light conditions or as an emergency signal.

1. With the pump powered on, press the 'Light' button to turn on the LED light.

2. Press the 'Light' button again to cycle through different light modes (e.g., steady light, flashing light, SOS signal).
3. Press the 'Light' button a third time to turn off the LED light.



Figure 6: LED light and power bank functionality.

Using as a Power Bank

The SUNPOW NW01-P can also serve as a portable power bank to charge other devices.

1. Connect your device (e.g., smartphone) to the USB output port of the air pump using a compatible USB cable.
2. The air pump will begin charging your device.

MAINTENANCE

- **Cleaning:** Wipe the exterior of the pump with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the air pump and its accessories in the provided storage bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, charge the device at least once every three months, even if not in use. Avoid fully discharging the battery frequently.
- **Air Tube Inspection:** Regularly inspect the air tube for any signs of wear, cracks, or damage. Replace if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	Low battery or no charge.	Charge the device fully.
Pump inflates slowly or not at all.	Air tube or nozzle not securely connected; blockage in air path; low battery.	Ensure all connections are tight. Check for obstructions. Charge the device.
Pump stops unexpectedly during inflation.	Target pressure reached (automatic shut-off); device overheating; low battery.	Check if target pressure is met. Allow device to cool down. Charge the device.
Inaccurate pressure reading.	Loose connection to valve; valve stem issue.	Ensure a tight connection to the valve. Check the valve stem for damage.
LED light not working.	Low battery; light function not activated.	Charge the device. Press the 'Light' button to activate.

SPECIFICATIONS



Feature	Detail
Model	NW01-P
Brand	SUNPOW
Max Pressure	160 PSI
Airflow Rate	32 L/min
Motor Speed	15,000 RPM
Battery Capacity	7500 mAh (3 x 2500 mAh non-standard batteries)
Input Voltage	12V DC (via USB charging)
Dimensions (L x W x H)	17 x 10 x 6.29 cm (6.7 x 3.9 x 2.5 inches)
Weight	780 g (1.72 lbs)

Feature	Detail
Material	Plastic
Power Source	Battery Powered
UPC	722891898824

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official SUNPOW website. Keep your purchase receipt as proof of purchase.

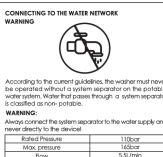
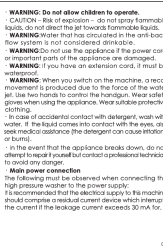
Related Documents - NW01-P

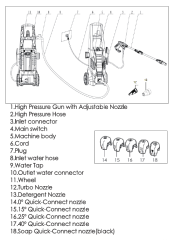
<div>Smart Air Pump User Manual</div> <div></div> <div>Model: NW</div>	<div>SUNPOW NW01 Smart Air Pump User Manual</div> <div>Comprehensive user manual for the SUNPOW NW01 Smart Air Pump, detailing features, operation, charging, safety precautions, and troubleshooting for inflating car tires, motorcycle tires, bicycle tires, and balls.</div>
<div>SUNPOW User Manual SUNPO W2300 MAX PSI Electric Pressure Washer HP1172</div> <div></div>	<div>SUNPOW HP1172 Electric Pressure Washer User Manual</div> <div>This user manual provides comprehensive instructions for the SUNPOW HP1172 Electric Pressure Washer, detailing safety precautions, product features, assembly, operation, maintenance, and troubleshooting for optimal use.</div>



[SUNPOW OT-MD01 Metal Detector User Manual and Specifications](#)

Comprehensive user manual for the SUNPOW OT-MD01 pinpointer metal detector. Learn about its features, operating instructions, specifications, and maintenance.





2. First time instructions
This section will explain in details how to make the high pressure washer ready for use.

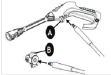
SAFETY DEVICES
The unblocker valve can reduce pressure if it exceeds pre-set value, leading to the trigger gun free function at the beginning of this manual. The trigger gun features a locking device when the knob is switched, the trigger gun cannot be operated.



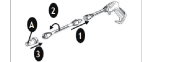
THERMAL SENSOR
A thermal sensor protects the motor against overheating. The machine will restart after a few minutes when the thermal sensor has cooled.

3. Operation instructions
3.1 Connection of garden hose
Screw the water inlet coupling (B) tight on to the water inlet hole. The inlet filter (A) must always be fitted in the water inlet pipe to filter out sand, lime stone and other impurities as these will damage the pump valves.

3.2 Mounting of high pressure hose
Attach the high pressure hose to the trigger gun and machine body. The high pressure hose by pressing the pin (A) or button (B).



3.3 Mounting of lance and nozzle
Push the lance into the trigger gun. When inserted turn it. **Caution:** Make sure the lance is properly fixed to the gun. Attach the nozzles. **Caution:** When attaching the nozzle the button (A) on the nozzle should come out again. Check before activating the trigger that the nozzle is properly fixed.



IMPORTANT! Only use water without any impurities. If there is risk of sand particles in the inlet water (i.e. from your own well), an additional filter should be used. Let the water run through the water hose before connecting it to the machine to prevent sand and debris from penetrating the machine. **Note:** Check that the filter is fitted in the water inlet pipe and that it is not clogged up. Connect the water hose to the water supply by means of the quick connector (inlet water, max. pressure: 10 bar, max. temperature: 40°C). Turn on the water.

3.5 Start/stop of the machine
The trigger gun (1) and lance are affected by a thrust during operation. Therefore always hold it firmly with both hands. **WARNING!** Keep the nozzle of the ground. Check that the machine is in upright position. **NOTE:** Do not place the machine in high grass/fields. The trigger lock.

Activate the trigger of the trigger gun (1) and let the water run until all air has escaped from the water hose. Press the Start/stop switch (4) "O". Activate the trigger of the trigger gun (1). Always adjust the distance and the pressure of the nozzle to the surface, which is to be cleaned.

Do not cover the machine during operation or use it in a room without adequate ventilation. **NOTE:** If the machine is left on or not used for 5 minutes, it must be switched off on the start/stop switch (4) "O". Press the starting switch (4) "O". Disconnect the electrical plug (10) from the socket. Shut off the water supply and activate the trigger of the trigger gun (1) to relieve the machine of pressure. When releasing the trigger of the trigger gun (1), the machine automatically stops. The machine will start again when you re-activate the trigger gun (1).

3.4 Adjustable Nozzle
The pressure can be adjusted by adjusting nozzle. **WARNING:** Do not do this under operation to avoid that the hand hits the jet.



3.7 Detergent Nozzle
When you want to spray detergent, don't forget to equip the detergent nozzle.

3.8 Inlet Indicator diagram
(You have assembly)



2) Handle assembly



3) Detergent bottle assembly



4) Quick connector structure on the machine body. All the Accessories can be stored on the machine



4. After use instructions
The machine should be stored in a dry room! Pump, hose and accessories should always be emptied of water before storing it. **NOTE:** Stop the machine, plug the start/stop switch "O" and detach water hose, high pressure hose and nozzle. **WARNING:** Never start up a steam machine. Real damages are not covered by the guarantee!

5. Environmental protection
Old appliances contain valuable materials that can be recycled. Please arrange for the proper recycling of old appliances. Please dispose your old appliances using appropriate collection systems.

6. Maintenance, cleaning and repair
WARNING! Always disconnect the electrical plug from the socket prior to maintenance or cleaning. To ensure a long and problem free working life, please take the following advice: Wash the water hose, high pressure hose, spray lance and accessories before mounting. Clean the connector of dust and sand. Rinse the detergent spraying attachment after use. Clean the nozzle. Any repair should always be made in an authorized workshop with original spare parts.

6.1 Cleaning of inlet filter
Clean the water inlet filter regularly once a month or more frequently according to use. Carefully loosen the filter with a screwdriver and clean it. Check that it is intact before re-mounting it. The inlet filter must always be fitted inside the water inlet pipe to filter out sand, lime stone and other impurities, as they will damage the pump valves. **CAUTION:** Failure to fit the filter will invalidate the



Contents	
Page	
1	Introduction
2	Package Contents
3	Before Use
4	Basic Operation
5	Advanced Operation
6	Troubleshooting
7	Specifications
8	Warranty
9	Index

INTRODUCTION

The SUNPOW OT-MD02 Metal Detector is a high-performance, professional-grade metal detector designed for hobbyists and enthusiasts. It features a powerful search coil, a sensitive control unit, and a durable carrying case. The detector is capable of detecting various types of metal objects, including coins, jewelry, and tools. It is also equipped with a built-in speaker and a headphone jack for audio output. The detector is easy to use and requires no special skills or equipment. It is a great choice for anyone looking for a reliable and accurate metal detector.

PACKAGE CONTENTS

The package includes the following items:

- 1 x SUNPOW OT-MD02 Metal Detector
- 1 x Search Coil
- 1 x Control Unit
- 1 x Carrying Case
- 1 x User Manual
- 1 x Warranty Card

BEFORE USE

Before using the detector, please read the user manual carefully. The detector is designed to be used in a variety of environments, including beaches, parks, and archaeological sites. It is important to use the detector responsibly and to follow local laws and regulations. The detector is not to be used in areas where it may cause interference with other electronic equipment. It is also important to use the detector in a safe and secure manner. The detector is not to be used in areas where it may cause damage to property or the environment.

BASIC OPERATION

The detector is operated using a series of buttons and a dial. The buttons are used to turn the detector on and off, to select the search mode, and to adjust the sensitivity. The dial is used to adjust the volume of the speaker. The detector is also equipped with a built-in speaker and a headphone jack for audio output. The detector is easy to use and requires no special skills or equipment. It is a great choice for anyone looking for a reliable and accurate metal detector.

ADVANCED OPERATION

The detector is also equipped with a variety of advanced features, including a built-in speaker and a headphone jack for audio output. The detector is also equipped with a built-in display screen that shows the search mode and the sensitivity level. The detector is also equipped with a built-in timer that allows you to set a time limit for the search. The detector is also equipped with a built-in memory that allows you to store the search results. The detector is a great choice for anyone looking for a reliable and accurate metal detector.

TROUBLESHOOTING

If you are having trouble with the detector, please refer to the troubleshooting section of the user manual. The detector is designed to be easy to use and requires no special skills or equipment. It is a great choice for anyone looking for a reliable and accurate metal detector.

SPECIFICATIONS

The detector is designed to be used in a variety of environments, including beaches, parks, and archaeological sites. It is important to use the detector responsibly and to follow local laws and regulations. The detector is not to be used in areas where it may cause interference with other electronic equipment. It is also important to use the detector in a safe and secure manner. The detector is not to be used in areas where it may cause damage to property or the environment.

WARRANTY

The detector is covered by a 1-year warranty. The warranty is valid only if the detector is used in accordance with the user manual. The warranty is not valid if the detector is damaged by fire, flood, or other natural disasters. The warranty is not valid if the detector is used in areas where it may cause damage to property or the environment. The warranty is not valid if the detector is used in areas where it may cause interference with other electronic equipment. The warranty is not valid if the detector is used in areas where it may cause damage to property or the environment.

INDEX

The index is a list of the topics covered in the user manual. It is used to find the information you need quickly and easily. The index is located at the end of the user manual.

[SUNPOW OT-MD02 Metal Detector User Manual](#)

Comprehensive user manual for the SUNPOW OT-MD02 metal detector, detailing its features, operation, specifications, and troubleshooting tips for hobbyists and enthusiasts.