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› Dr.meter Portable Electric Air Pump User Manual

## Dr.meter Portable Electric Air Pump

# Dr.meter Portable Electric Air Pump User Manual

Model: High-Volume Electric Air Pump

## INTRODUCTION

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Thank you for purchasing the Dr.meter Portable Electric Air Pump. This high-volume air pump is designed for quick and efficient inflation and deflation of various inflatable items, such as air mattresses, inflatable pools, rafts, and more. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your device.

## IMPORTANT SAFETY INSTRUCTIONS

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- Do not operate the pump continuously for more than 20 minutes to prevent overheating. Allow it to cool down for at least 10 minutes before resuming use.
- Keep the pump away from water and moisture. Do not immerse the pump in water.
- Do not block the air intake or outlet during operation. Ensure proper ventilation.
- This pump is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not point the air outlet directly at eyes or body parts.
- Store the pump in a dry place when not in use.
- Use only the provided power adapters and nozzles.

## PACKAGE CONTENTS

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The image displays the Dr.meter electric air pump along with its essential accessories. These include the main pump unit, three different sized nozzles (small, medium, large), a car power adapter, and a wall power adapter. The pump itself is black with a "Dr.meter" logo and an open battery compartment, indicating it can also be battery-operated (batteries not included).

- 1 x Dr.meter Electric Air Pump Unit
- 3 x Universal Nozzles (Small, Medium, Large)
- 1 x AC Power Adapter
- 1 x DC Car Power Adapter
- 1 x User Manual (this document)

## PRODUCT FEATURES

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- **High-Volume Inflation/Deflation:** Quickly inflates and deflates various items.
- **Multiple Nozzles:** Includes three sizes (S, M, L) for compatibility with different valve types.
- **Dual Power Options:** Operates via AC wall adapter or DC car adapter for versatile use. (Note: Some models may also support battery operation, as suggested by images, but this is not explicitly stated in text.)
- **Compact and Portable:** Lightweight design for easy transport and storage.
- **Efficient Cooling System:** Designed to prevent overheating during operation.



This image illustrates the versatility of the Dr.meter air pump, showing it can be used with a wide range of inflatable products. These include an air mattress, a bean bag chair, a giraffe-shaped pool float, a swimming ring, and vacuum compression bags. The central image of the pump is surrounded by these examples, highlighting its multi-purpose functionality.

The unique cooling system keeps your device from overheating



This diagram shows the unique cooling system of the air pump. Blue arrows indicate airflow, demonstrating how the device dissipates heat to prevent overheating during extended use. The vents on the top and sides of the pump are designed to facilitate this cooling process, ensuring stable performance.

## SETUP

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### 1. Choose Power Source:

- For indoor use, connect the AC power adapter to the pump and plug it into a standard wall outlet.
- For outdoor or car use, connect the DC car power adapter to the pump and plug it into your vehicle's 12V accessory socket.
- (If applicable for your model) Insert 3 AAA batteries into the battery compartment, ensuring correct polarity.

### 2. Select Appropriate Nozzle:

Choose one of the three universal nozzles (Small, Medium, Large) that best fits the valve of the item you wish to inflate or deflate.



This image displays the three different sized nozzles (S, M, L) that come with the air pump, along with their recommended uses. The 'S' nozzle is ideal for small inflatable toys like swimming rings or for extracting air from vacuum compression bags. The 'M' nozzle is suitable for airbeds, inflatable pools, and rafts. The 'L' nozzle is designed for high-volume inflatables such as bounce houses and boats. Each nozzle is attached to the pump via a flexible tether.

### 3. Attach Nozzle: Firmly insert the selected nozzle into the desired air port on the pump (inflation or deflation port).

## OPERATION

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This diagram illustrates the dual functionality of the air pump for both inflation and deflation. Blue arrows indicate the direction of airflow. For inflation, air is expelled from the side port labeled "Inflate". For deflation, air is drawn into the top port labeled "Deflate". This clear visual guide helps users understand which port to use for their specific needs.

## Inflating an Item

1. Connect the appropriate nozzle to the **inflation port** (side outlet) of the pump.
2. Insert the nozzle firmly into the air valve of the item you wish to inflate.
3. Press the power switch to the "ON" position. The pump will start inflating.
4. Once the item is fully inflated, switch the pump "OFF" and remove the nozzle.



This image shows the Dr.meter air pump in action, actively inflating a green bean bag. The user is holding the pump with the nozzle inserted into the bean bag's valve, and the power cord is plugged into a wall outlet. This demonstrates a practical application of the pump's inflation function.

## Deflating an Item

1. Connect the appropriate nozzle to the **deflation port** (top inlet) of the pump.
2. Insert the nozzle firmly into the air valve of the item you wish to deflate.
3. Press the power switch to the "ON" position. The pump will start deflating by drawing air out.
4. Once the item is fully deflated, switch the pump "OFF" and remove the nozzle.

## MAINTENANCE

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- **Cleaning:** Wipe the exterior of the pump with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the pump and its accessories in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Nozzle Care:** Keep the nozzles clean and free from debris to ensure efficient airflow.

TROUBLESHOOTING

| Problem                | Possible Cause                                                                      | Solution                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pump does not turn on. | No power supply; Loose connection; Faulty power adapter.                            | Ensure power adapter is securely plugged into both the pump and the outlet. Try a different outlet. Check if batteries (if applicable) are inserted correctly and have charge. |
| Low airflow.           | Nozzle not properly attached; Air intake/outlet blocked; Item valve not fully open. | Ensure nozzle is firmly attached. Clear any obstructions from air intake/outlet. Open the item's valve completely.                                                             |
| Pump overheats.        | Continuous operation for too long; Blocked vents.                                   | Turn off the pump and allow it to cool down for at least 10 minutes. Ensure vents are clear and not obstructed. Do not operate continuously for more than 20 minutes.          |

SPECIFICATIONS

| Feature     | Detail                                            |
|-------------|---------------------------------------------------|
| Model       | Dr.meter Portable Electric Air Pump               |
| Power Input | AC 100-240V, 50/60Hz; DC 12V (Car Adapter)        |
| Power       | 35W                                               |
| Airflow     | 200 L/min                                         |
| Pressure    | 0.38 PSI                                          |
| Noise Level | ≤ 85 dB                                           |
| Dimensions  | Pump: Approx. 11 cm (H) x 8.3 cm (W) x 6.3 cm (D) |



This image provides detailed dimensions for the Dr.meter electric air pump and its accompanying nozzles. The pump

measures approximately 11 cm in height, 8.3 cm in width, and 6.3 cm in depth. The nozzles also have specific dimensions, with the largest being about 7.8 cm tall and the smallest 4.3 cm tall, ensuring precise fit for various inflatable valves.

## WARRANTY AND SUPPORT

Dr.meter products come with a standard manufacturer's warranty. For specific warranty details, product support, or technical assistance, please contact Dr.meter customer service through their official website or the retailer where you purchased the product. Please have your product model and purchase date ready when contacting support. For further assistance, you may visit the [Dr.meter brand page on Amazon](#).

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**Name**

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**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