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Model: Flexi Tube Mini Pump

INTRODUCTION

Thank you for choosing the M-Wave Flexi Tube Mini Pump. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new mini pump. Please read this manual thoroughly before use to ensure safe and efficient operation.

SAFETY INFORMATION

- Always ensure the pump is securely attached to the valve stem before inflating to prevent injury or damage.
- Do not exceed the maximum recommended tire pressure for your bicycle tires. Refer to your tire's sidewall for pressure limits.
- Keep out of reach of children.
- Avoid pointing the pump nozzle at yourself or others during operation.

PACKAGE CONTENTS

- M-Wave Flexi Tube Mini Pump
- Frame mounting bracket

SETUP

1. Attaching the Frame Mounting Bracket

The M-Wave Flexi Tube Mini Pump comes with a bracket for convenient attachment to your bicycle frame. Use the provided screws to secure the bracket to the water bottle cage mounts on your bike frame. Once the bracket is installed, the pump can be clipped into place and secured with the rubber strap.



Image: The M-Wave Flexi Tube Mini Pump shown with its included frame mounting bracket, ready for installation on a bicycle.

2. Preparing the Flexible Hose

Before use, the flexible hose must be extended from the pump body. Unscrew the cap at the end of the pump and gently pull out the flexible hose. The hose is stored inside the pump for protection and compactness.



Image: A hand demonstrating how to pull the flexible hose out from the end of the pump body.

Once extended, screw the threaded end of the hose securely into the pump's outlet port. Ensure it is tightened to prevent air leaks during inflation.



Image: Two hands screwing the flexible hose into the pump's main body, preparing it for use.



Image: The M-Wave mini pump with its flexible hose fully extended and securely connected, ready for inflation.

OPERATING INSTRUCTIONS

1. Identifying Valve Type

The M-Wave Flexi Tube Mini Pump is designed to work with both Presta and Schrader valves. The flexible hose features a reversible head or dual-sided connection. Examine your tire's valve stem to determine if it is a Presta (thinner, with a small nut at the top) or Schrader (wider, like a car tire valve) valve.



Image: A close-up view of one end of the flexible hose, featuring a threaded connection suitable for a specific valve type.



Image: A close-up view of the opposite end of the flexible hose, showing a different threaded connection for another valve type.

2. Connecting to the Valve

- **For Presta Valves:** If your hose has a reversible head, unscrew the cap, reverse the internal rubber grommet and plastic insert, then re-screw the cap. If it has dual ends, select the Presta-compatible end. Unscrew the small nut on the Presta valve stem, then firmly push and screw the pump head onto the valve until it is secure.
- **For Schrader Valves:** If your hose has a reversible head, ensure it is configured for Schrader. If it has dual ends, select the Schrader-compatible end. Firmly push and screw the pump head onto the Schrader valve until it is secure.

3. Inflating the Tire

Once the pump head is securely attached to the valve, hold the pump body firmly and begin to push and pull the handle in a steady, controlled motion. Air will be pumped into the tire with each stroke. Continue pumping until the desired tire pressure is reached, up to a maximum of 100 PSI. Regularly check the tire pressure with a separate gauge if precise inflation is required.

4. Disconnecting the Pump

After inflation, unscrew the pump head from the valve stem. For Presta valves, remember to tighten the small nut on the valve stem. Unscrew the flexible hose from the pump body and store it back inside the pump, securing the cap.

MAINTENANCE

- **Cleaning:** Wipe the pump exterior with a damp cloth to remove dirt and grime. Avoid using harsh chemicals.
- **Lubrication:** Periodically apply a small amount of silicone-based lubricant to the pump's piston seal to maintain smooth operation and prevent wear.
- **Storage:** Store the pump in a dry, cool place away from direct sunlight and extreme temperatures. Ensure the flexible hose is stored inside the pump body when not in use.

TROUBLESHOOTING

- **Pump not inflating tire:**
 - Ensure the flexible hose is securely screwed into both the pump body and the tire valve.
 - Check that the valve head is correctly configured for your tire's valve type (Presta or Schrader).
 - Inspect the pump's seals and O-rings for damage or wear.
- **Air leaking during inflation:**
 - Tighten all connections, including the hose to the pump and the hose to the valve.
 - Ensure the valve stem is not damaged or bent.
 - Check the rubber gasket inside the pump head for proper seating or damage.
- **Pump handle is stiff or difficult to operate:**
 - Apply a small amount of silicone lubricant to the piston shaft.
 - Clean any dirt or debris from the pump shaft.

SPECIFICATIONS

Feature	Detail
Brand	M-Wave
Model	Flexi Tube Mini Pump
Material	Metal
Item Weight	89 Grams
Product Dimensions (L x W x H)	9" x 4.5" x 4"
Maximum Pressure	100 PSI (Pound per Square Inch)
Operation Mode	Manual
Valve Compatibility	Presta, Schrader (via flexible hose)

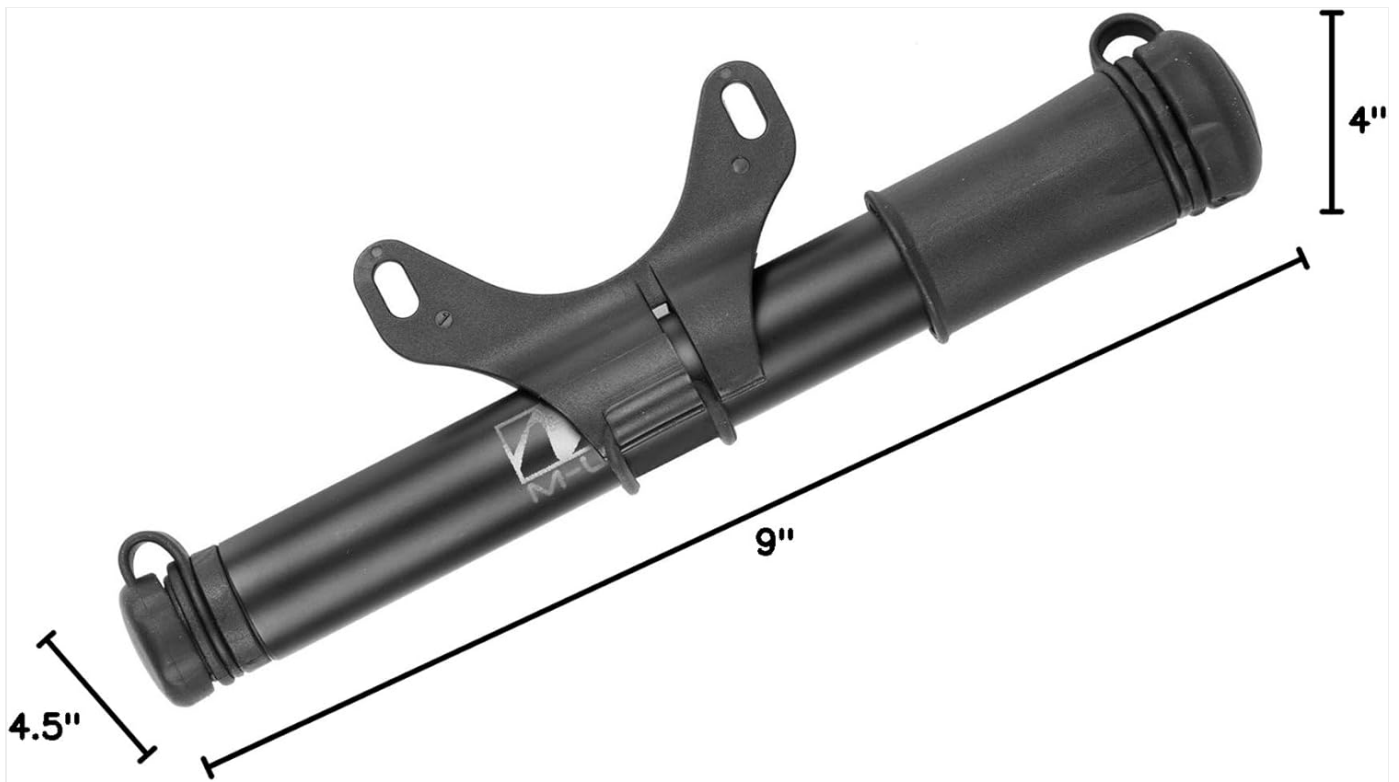


Image: The M-Wave mini pump with its key dimensions (length, width, height) indicated.

WARRANTY

This product is covered by the manufacturer's warranty. Please refer to the original packaging or contact the retailer for specific warranty terms and conditions.

SUPPORT

For further assistance, technical support, or inquiries regarding your M-Wave Flexi Tube Mini Pump, please contact your retailer or visit the official M-Wave website for contact information.

