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› [M-Wave](#) /

› [M-Wave ELUMATIK POCKET Electric Mini Bicycle Pump User Manual](#)

M-Wave 14704191

M-Wave ELUMATIK POCKET Electric Mini Bicycle Pump User Manual

Model: 14704191

1. INTRODUCTION

Thank you for choosing the M-Wave ELUMATIK POCKET Electric Mini Bicycle Pump. This compact and versatile pump is designed for convenient inflation of bicycle tires, sports balls, and small inflatable items. Featuring a pre-settable pressure function and an automatic shut-off, it ensures precise and safe inflation up to 100 psi / 7 bar. The integrated LCD display provides real-time pressure readings and battery status. This manual provides essential information for the safe and efficient operation of your pump.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before using the pump to prevent injury or damage to the device.

- Keep the pump away from water and moisture.
- Do not operate the pump near flammable liquids or gases.
- Ensure the correct pressure setting for the item being inflated to avoid over-inflation and potential damage or injury.
- Do not leave the pump unattended during operation.
- Keep out of reach of children.
- Do not disassemble or attempt to repair the pump yourself. Contact qualified service personnel.
- Use only the provided USB-C cable for charging.
- Avoid exposing the pump to extreme temperatures or direct sunlight for prolonged periods.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- M-Wave ELUMATIK POCKET Electric Mini Bicycle Pump
- Inflation Hose
- USB-C Charging Cable
- Ball Needle
- Presta (FV) Valve Adapter

- Inflatable Mattress Adapter
- Storage Bag
- Silicone Protective Cover



Image 3.1: Included accessories for the M-Wave ELUMATIK POCKET pump.

4. PRODUCT OVERVIEW

The M-Wave ELUMATIK POCKET pump features a compact design with an intuitive interface for easy operation.



Image 4.1: Front view of the M-Wave ELUMATIK POCKET pump with LCD display.

- **LCD Display:** Shows current pressure, target pressure, battery level, and selected mode.
- **Power/Mode Button:** Press and hold to power on/off. Short press to cycle through inflation modes (Bicycle,

Ball, Motorcycle).

- **‘+’ Button:** Increases target pressure.
- **‘-’ Button:** Decreases target pressure.
- **Inflation Port:** Where the inflation hose connects.
- **USB-C Charging Port:** For recharging the internal battery.



Image 4.2: The M-Wave ELUMATIK POCKET pump demonstrating its compact size.

5. SETUP

5.1. Charging the Pump

1. Connect the provided USB-C charging cable to the pump's USB-C port.
2. Connect the other end of the cable to a standard USB power adapter (not included) or a computer USB port.
3. The LCD display will show the charging status. A full charge typically takes a few hours.
4. Once fully charged, disconnect the cable.

5.2. Attaching the Inflation Hose and Adapters

1. Screw the inflation hose securely onto the pump's inflation port.
2. For Schrader (AV) valves, directly attach the hose to the valve stem.
3. For Presta (FV) valves, first screw the Presta adapter onto the valve stem, then attach the inflation hose to the adapter.
4. For sports balls, screw the ball needle onto the hose, then insert into the ball's inflation hole.
5. For inflatable mattresses, screw the appropriate adapter onto the hose, then connect to the mattress valve.

6. OPERATING INSTRUCTIONS

6.1. Power On/Off

- To power on: Press and hold the Power/Mode button for 2-3 seconds.
- To power off: Press and hold the Power/Mode button for 2-3 seconds. The pump will also automatically power off after a period of inactivity.

6.2. Selecting Inflation Mode

After powering on, short press the Power/Mode button to cycle through the available inflation modes:

- **Bicycle Mode:** For bicycle tires.
- **Ball Mode:** For sports balls.
- **Motorcycle Mode:** For motorcycle tires (also suitable for other small vehicle tires).

Each mode may have different default pressure units or ranges. The LCD will display the selected mode.

6.3. Setting Target Pressure

1. Once a mode is selected, the current pressure of the connected item will be displayed.
2. Use the '+' and '-' buttons to adjust the desired target pressure. The pump supports up to 100 psi / 7 bar.
3. Ensure the target pressure is appropriate for the item being inflated.

6.4. Starting and Stopping Inflation

- To start inflation: After setting the target pressure, press the Power/Mode button once. The pump will begin inflating.
- To stop inflation: The pump will automatically stop once the target pressure is reached. You can also manually stop inflation by pressing the Power/Mode button again.
- After inflation, carefully disconnect the hose from the valve.

7. MAINTENANCE

7.1. Cleaning

- Wipe the pump's exterior with a soft, dry cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure the charging port is free of dust and debris.

7.2. Storage

- Store the pump and its accessories in the provided storage bag.
- Keep in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% every 3-6 months to maintain battery health.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	Low battery.	Charge the pump using the USB-C cable.
Pump does not turn on.	Power button not held long enough.	Press and hold the Power/Mode button for 2-3 seconds.
Pump inflates slowly or not at all.	Hose not securely connected.	Ensure the inflation hose is tightly screwed onto the pump and the valve.
Pump inflates slowly or not at all.	Incorrect adapter used or not properly attached.	Verify the correct adapter is used and securely attached to the valve.
Pump stops before reaching target pressure.	Battery is low.	Recharge the pump.

Problem	Possible Cause	Solution
Inaccurate pressure reading.	Loose connection.	Ensure the hose and adapter are tightly connected to the valve.

9. SPECIFICATIONS

Feature	Specification
Model Number	14704191
Brand	M-Wave
Max Pressure	100 psi / 7 bar
Power Source	Battery Powered (Lithium-ion)
Charging Port	USB-C
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (H x W x D)	73 x 52 x 34 mm (Pump only)
Weight	167 g (Pump only, without hose)
Valve Compatibility	Schrader (AV), Presta (FV) with adapter
UPC	887539047399

10. WARRANTY AND SUPPORT

M-Wave products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your purchase or contact your retailer. If you encounter any issues or have questions regarding your M-Wave ELUMATIK POCKET Electric Mini Bicycle Pump, please contact M-Wave customer support or your authorized dealer for assistance.