

## HYCHIKA MS22C-002

# HYCHIKA Mini Portable Air Compressor Instruction Manual

Model: MS22C-002

## INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your HYCHIKA Mini Portable Air Compressor. Please read this manual thoroughly before using the device and retain it for future reference.

## SAFETY INSTRUCTIONS

- Ensure the device is fully charged before first use.
- Do not operate the compressor in wet conditions or near flammable liquids/gases.
- Keep out of reach of children.
- Do not over-inflate. Always check the recommended pressure for the item being inflated.
- Avoid prolonged continuous operation to prevent overheating. Allow the device to cool down if it becomes hot.
- Use only the provided accessories and charging cables.
- If the device malfunctions, discontinue use immediately and contact customer support.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- HYCHIKA Mini Portable Air Compressor
- Inflatable Hose
- 4 Extra Nozzles (for various applications like bikes, balls, life buoys)
- USB Type-C Charging Cable
- 12V DC Car Cigarette Lighter Power Plug
- User Manual (this document)

# Portable power bank

6000mAh can be used as a mobile power supply to charge mobile phones



Figure 1: Package Contents - Main compressor unit, inflatable hose, various nozzles, USB-C charging cable, and 12V car power adapter.

## PRODUCT OVERVIEW



Figure 2: Product Components - Front panel with LCD display and control buttons, LED light, and air hose connection port.

1. **LCD Display:** Shows current pressure, target pressure, battery level, and selected mode.
2. **Control Buttons:**
  - **Power Button:** Turns the device on/off.
  - **Mode/Unit Button:** Cycles through inflation modes (Car, Motorcycle, Bike, Ball, Manual) and pressure units (PSI, BAR, KPA, KG/CM<sup>2</sup>).
  - **'+' Button:** Increases target pressure.
  - **'-' Button:** Decreases target pressure.
  - **LED/SOS Button:** Activates the LED light and SOS flashing mode.
3. **Air Hose Interface:** Connection point for the inflatable hose.
4. **LED Lights:** Provides illumination for use in dark conditions.
5. **USB-C Charging Port:** For charging the compressor.
6. **USB-A Output Port:** For using the device as a power bank.

## CHARGING THE COMPRESSOR

Before first use, fully charge the compressor. The device can be charged using the provided USB Type-C

cable or the 12V DC car cigarette lighter power plug.

1. Connect the USB Type-C cable to the compressor's charging port and to a suitable USB power adapter (not included) or the 12V car charger to your vehicle's cigarette lighter socket.
2. The battery indicator on the LCD screen will show the charging status.
3. Charging is complete when the battery indicator shows a full charge.

## SETUP AND OPERATION

### 1. Connecting the Air Hose and Nozzle

1. Screw the inflatable hose clockwise into the air hose interface on the top of the compressor. Ensure it is securely tightened.
2. Select the appropriate nozzle for the item you wish to inflate.



Figure 3: Valve Compatibility - The compressor supports various valve types for cars, bikes, balls, and life buoys using the included adapters.

3. Attach the selected nozzle to the end of the inflatable hose.

### 2. Powering On and Setting Pressure

1. Press and hold the Power Button to turn on the compressor. The LCD screen will illuminate.



2. Connect the nozzle to the valve of the item you intend to inflate. The LCD display will show the current pressure.
3. Press the Mode/Unit Button to cycle through the preset inflation modes (Car, Motorcycle, Bike, Ball) or select Manual Mode.



Figure 4: Inflation Modes - The compressor offers preset modes for various items and a manual mode for custom pressure settings.

4. Use the '+' and '-' buttons to adjust the target pressure. The device supports a maximum pressure of 150 PSI (10.3 Bar).
5. To change pressure units (PSI, BAR, KPA, KG/CM<sup>2</sup>), press and hold the Mode/Unit Button.

### 3. Starting and Stopping Inflation

1. Once the target pressure is set, press the Power Button to start inflation.
2. The compressor will automatically stop when the target pressure is reached.
3. To manually stop inflation at any time, press the Power Button again.
4. After inflation, quickly disconnect the hose from the valve to minimize air loss.

# LED&SOS

Portable air compressors are equipped with LED lighting for people to use in the dark.



Figure 5: Inflation Process - Step-by-step guide from connecting the hose to automatic shut-off.

## ADDITIONAL FUNCTIONS

### LED Light and SOS Function

The compressor is equipped with an LED light for illumination in low-light conditions and an SOS flashing mode for emergencies.

1. Press the LED/SOS Button once to turn on the LED light.
2. Press the LED/SOS Button again to activate the SOS flashing mode.
3. Press the LED/SOS Button a third time to turn off the light.

# Portable air compressor



Figure 6: LED and SOS Function - The integrated LED light provides illumination and an SOS signal for emergencies.

## Power Bank Function

The built-in 6000mAh battery allows the compressor to function as a portable power bank for charging mobile devices.

1. Connect your mobile device's charging cable to the USB-A output port on the compressor.
2. The compressor will begin charging your device.
3. Disconnect your device when charging is complete.





Figure 7: Power Bank Feature - The compressor can charge mobile phones using its 6000mAh battery.

## MAINTENANCE

- **Cleaning:** Wipe the exterior of the compressor with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the compressor in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure it is fully charged before long-term storage to preserve battery life.
- **Battery Care:** To maintain battery health, charge the device at least once every three months, even if not in use.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not turn on.	Low battery or no charge.	Charge the compressor fully using the provided cable.



Problem	Possible Cause	Solution
Compressor inflates slowly or not at all.	Hose not securely connected; incorrect nozzle; valve leakage; item too large.	Ensure hose and nozzle are tightly connected. Verify correct nozzle for valve type. Check for leaks. For very large items, inflation time will be longer.
Inaccurate pressure reading.	Hose not properly connected to valve.	Ensure a tight seal between the nozzle and the item's valve.
Compressor overheats and shuts off.	Prolonged continuous operation.	Allow the compressor to cool down for at least 10-15 minutes before resuming use. Avoid continuous operation for more than 10 minutes.

## SPECIFICATIONS

Model Number	MS22C-002
Brand	HYCHIKA
Input Voltage	12V DC
Battery Capacity	6000mAh Lithium-ion
Maximum Pressure	150 PSI (10.3 Bar)
Working Accuracy	±1.5 PSI
Pressure Units	PSI, BAR, KPA, KG/CM²
Dimensions	21.2 x 9.7 x 9.6 cm (approx.)
Weight	840 grams (approx.)
Power Source	Battery Powered / 12V DC Car Charger

## WARRANTY AND SUPPORT

HYCHIKA products are designed and manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your purchase or visit the official HYCHIKA website.

For further assistance, please contact HYCHIKA customer support.