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› [Cartrend](#) /

› [Unitec Cartrend 10924 Portable Air Compressor 10 Bar Instruction Manual](#)

Cartrend 10924

Unitec Cartrend 10924 Portable Air Compressor 10 Bar

Model: 10924 | Brand: Cartrend

1. INTRODUCTION

The Unitec Cartrend 10924 Portable Air Compressor is designed for convenient inflation of various items, including car tires, bicycle tires, sports balls, and inflatable toys. This compact device connects to your vehicle's 12V cigarette lighter socket and features an integrated manometer for precise pressure readings up to 18 bar (approximately 260 PSI). Its versatility is enhanced by a range of included adapters, making it an essential tool for on-the-go inflation needs.

2. SAFETY INSTRUCTIONS

- Always ensure the compressor is placed on a stable, flat surface during operation.
- Do not operate the compressor continuously for more than 15 minutes to prevent overheating. Allow it to cool down for at least 10 minutes after each 15-minute use.
- Keep children and pets away from the compressor during operation.
- Ensure the power cable and air hose are not damaged before use.
- Never point the air nozzle at yourself or others.
- Always refer to the manufacturer's recommended pressure for the item being inflated to avoid over-inflation and potential damage or injury.
- Disconnect the compressor from the 12V power source when not in use.

3. PACKAGE CONTENTS

Please check that all items are present in the package:

- Unitec Cartrend 10924 Portable Air Compressor (10 bar / 18 bar manometer)

- Air hose with quick connector (approx. 50 cm length)
- 12V power cable with car cigarette lighter plug (approx. 2.80 m length)
- Various inflation adapters (e.g., for bicycle valves, sports balls, inflatables)

Manometer bis 18 bar

Mit verschiedenen
Adapttern



Maximaler Druck
150PSI/10bar

Kabellänge 2,80 m,
45 cm Schlauch



Figure 1: The Unitec Cartrend 10924 Portable Air Compressor with its included accessories.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your air compressor:

- **Compressor Unit:** The main body containing the motor and pump.
- **Manometer (Pressure Gauge):** Displays the current air pressure in bar and PSI.
- **Air Hose:** Connects the compressor to the item being inflated.
- **Quick Connector:** Attaches the air hose to tire valves.
- **12V Power Plug:** Connects to your vehicle's cigarette lighter socket.
- **Inflation Adapters:** Specialized nozzles for different inflation needs.



Figure 2: Close-up of the integrated pressure gauge.

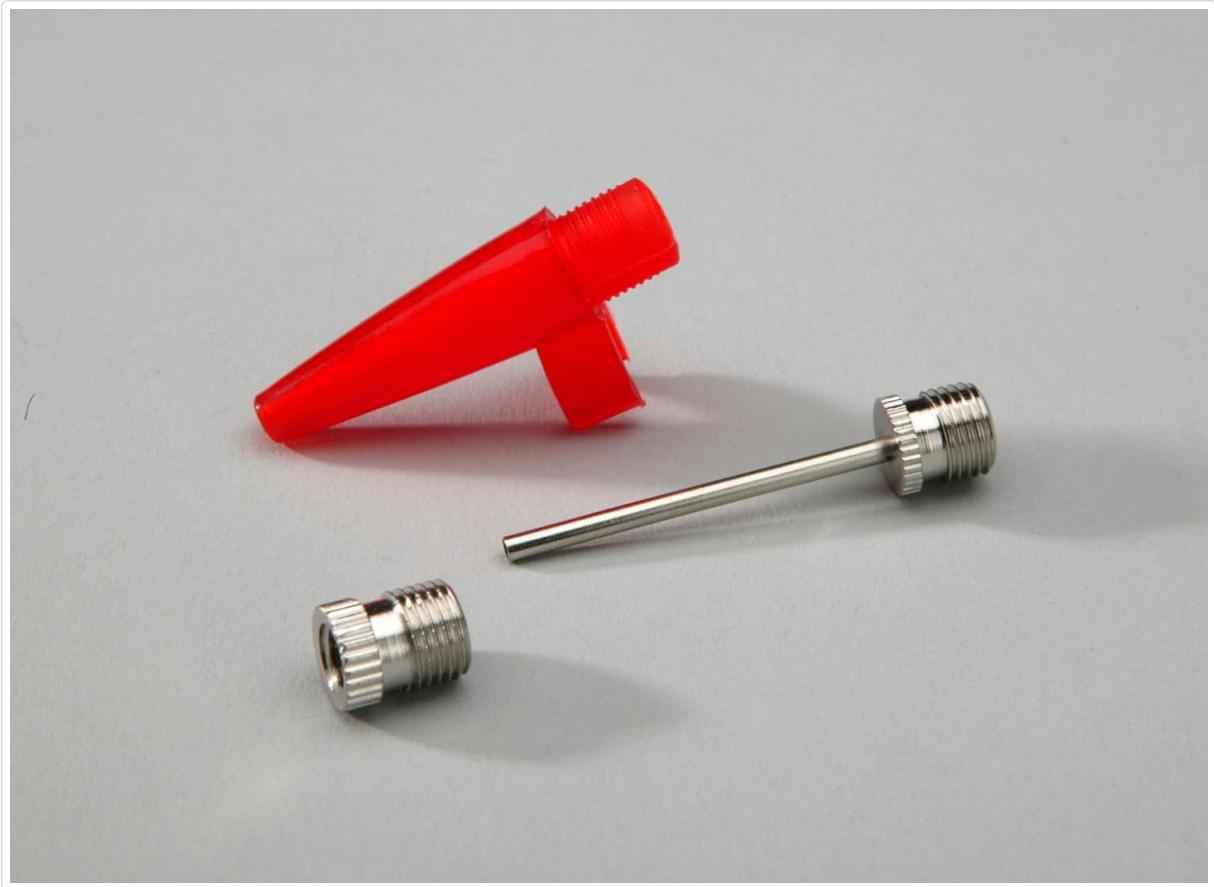


Figure 3: Included inflation adapters.

5. SETUP

1. Ensure your vehicle's engine is running to provide adequate power to the 12V socket.
2. Insert the 12V power plug into your car's cigarette lighter socket.
3. Select the appropriate adapter for the item you wish to inflate. For car tires, the quick connector is typically used directly. For other items, screw the correct adapter onto the quick connector.



Figure 4: Connecting the 12V power plug to the car socket.

6. OPERATING INSTRUCTIONS

1. **Connect to Item:** Attach the air hose's quick connector (with or without an adapter) securely to the valve of the item you intend to inflate. Ensure a tight seal to prevent air leakage.
2. **Start Inflation:** The compressor will begin operating automatically once connected to the 12V power source and the valve.
3. **Monitor Pressure:** Observe the manometer to monitor the inflation progress. Inflate to the recommended pressure for your item.
4. **Stop Inflation:** Once the desired pressure is reached, quickly disconnect the air hose from the valve.
5. **Disconnect Power:** Remove the 12V power plug from your car's cigarette lighter socket.
6. **Cool Down:** If the compressor has been running for close to 15 minutes, allow it to cool down before further use.



Figure 5: Inflating a car tire with the compressor.

7. MAINTENANCE

- **Cleaning:** Wipe the exterior of the compressor with a dry or slightly damp cloth. Do not use harsh chemicals or immerse in water.
- **Storage:** Store the compressor in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the cables and hose are neatly coiled to prevent damage.
- **Inspection:** Periodically check the air hose, power cable, and connectors for any signs of wear, cracks, or damage. Replace if necessary.

8. TROUBLESHOOTING

- **Compressor does not turn on:**
 - Ensure the 12V power plug is fully inserted into the car's cigarette lighter socket.
 - Check your vehicle's fuse for the cigarette lighter socket.
 - Verify that the vehicle's engine is running.
- **Compressor runs but does not inflate / inflates slowly:**
 - Check for leaks in the air hose or at the connection points. Ensure the quick connector is securely attached to the valve.
 - Ensure the correct adapter is used and properly sealed.
 - The item being inflated might have a puncture or leak.
- **Compressor overheats:**
 - The compressor has been running for too long. Disconnect it and allow it to cool down for at least 10 minutes. Adhere to the 15-minute continuous operation limit.

- **Difficulty removing the connector from the tire valve:**

- Ensure the quick connector is fully disengaged before pulling. A slight twist might help release it.
- Some air loss upon disconnection is normal, but excessive loss may indicate an improper connection or removal technique.

9. SPECIFICATIONS

Manufacturer	Unitec
Model Number	10924
Dimensions (L x W x H)	17 x 9 x 13 cm
Weight	560 grams
Power Type	Direct Current (DC)
Voltage	12 Volts
Air Flow Capacity	15 Liters per minute
Maximum Pressure	18 Bar (approx. 260 PSI)
Noise Level	70 Decibels
Hose Length	50 Centimeters
Cable Length	2.80 Meters
Material	Plastic, Metal
Special Feature	Easy to use

10. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support for the Unitec Cartrend 10924 Portable Air Compressor is not available in this manual. Please refer to the product packaging or the manufacturer's official website for details on warranty coverage and how to contact customer support for assistance.