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› [OSRAM](#) /

› OSRAM OTI1000 Tyre Inflater Pump User Manual

OSRAM OTI1000

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Model: OTI1000

1. INTRODUCTION

The OSRAM OTI1000 Tyre Inflater Pump is designed for convenient and accurate tire pressure maintenance. Regular tire pressure checks are crucial for vehicle safety, optimal road handling, and fuel efficiency. This portable device allows you to quickly and easily check and adjust tire pressure for various vehicles and inflatable items.

This manual provides essential instructions for the safe and effective use, setup, operation, and maintenance of your OSRAM OTI1000 Tyre Inflater Pump.

2. PACKAGE CONTENTS

Before first use, please ensure all items are present:

- OSRAM OTI1000 Tyre Inflater Pump
- Storage case
- Latex gloves
- Spare dust caps (4 pieces)
- Three-piece adapter kit (for bicycles, balls, inflatables)
- Spare 15-amp fuse



Image: The OSRAM OTI1000 Tyre Inflator Pump shown with its protective case, latex gloves, and the adapter kit, illustrating the complete package contents.

3. SETUP

1. **Prepare the Vehicle:** Park your vehicle on a level surface and ensure the engine is running to provide sufficient power to the inflator. This is crucial for optimal performance.
2. **Connect to Power:** Unwind the integrated 3.5m power cable and plug the 12V DC power plug into your vehicle's 12V socket (cigarette lighter). Ensure a secure connection.
3. **Access Tire Valve:** Remove the valve cap from the tire you wish to inflate. Store the cap in the dedicated storage compartment on the inflator to prevent loss.
4. **Attach Air Hose:** Screw the premium brass screw stem valve connector of the 70cm flexible air hose onto the tire valve. Ensure it is tightly secured to prevent air leakage.



Image: A user demonstrating the connection of the OSRAM OTI1000 Tyre Inflator Pump's hose to a car tire valve, with the device resting on the ground.

4. OPERATING INSTRUCTIONS

1. **Power On:** Press the large on/off button to activate the inflator. The digital display will illuminate.
2. **Read Current Pressure:** The large digital screen will display the current tire pressure in your chosen unit (bar, kPA, or PSI).
3. **Set Target Pressure:** Use the quick set dial to adjust the desired target pressure. The display will show both the current and target pressure.
4. **Start Inflation:** Once the target pressure is set, press the start button (usually the same as the on/off button or a dedicated start button, refer to device markings). The pump will begin inflating the tire.
5. **Auto-Stop Function:** The inflator features an auto-stop function. It will automatically cease inflation once the target pressure is reached, ensuring accurate and safe inflation.
6. **Deflation:** If the tire is over-inflated, use the integrated tire deflation valve to release unwanted pressure until the correct level is achieved.
7. **Using the LED Light:** Press the dedicated light button to activate the bright directional white LED light for illumination in low-light conditions.
8. **Multi-Purpose Use:** For inflating items other than car tires (e.g., bicycle tires, sports balls, air mattresses), attach the appropriate adapter from the three-piece kit to the air hose before connecting to the item.



Image: A detailed view of the OSRAM OTI1000 Tyre Inflator Pump's digital screen, clearly showing the current tire pressure and the user-set target pressure.

Important Operating Notes:

- Always ensure the vehicle's engine is running when operating the inflator to prevent draining the car battery.
- Do not operate the inflator for more than 15 minutes continuously. Allow at least 15 minutes of rest time between extended uses to prevent overheating.
- Fully extend the power cable during use to prevent excessive heat buildup in coiled sections.

5. MAINTENANCE

- **Cleaning:** Wipe the exterior of the inflator with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** After use, allow the device to cool down. Wind the power cable neatly using the integrated winding mechanism. Store the air hose and adapter kit in their designated compartments. Place the inflator and accessories in the provided storage case to protect it from dust and damage.
- **Fuse Replacement:** If the inflator fails to power on, check the 12V power plug for a blown fuse. Replace it with the provided spare 15-amp fuse if necessary.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not power on.	Loose 12V connection.	Ensure 12V plug is securely inserted.
	Vehicle engine not running.	Start vehicle engine.
	Blown fuse in 12V plug.	Replace fuse with spare 15-amp fuse.
Inflator runs but tire does not inflate.	Air hose not securely attached to valve.	Tighten brass screw connector onto tire valve.
	Leak in air hose or valve.	Inspect hose for damage; ensure valve is not faulty.
Inflator overheats and shuts off.	Continuous operation for too long. Power cable coiled during use.	Allow device to cool for at least 15 minutes. Always fully extend the power cable during operation.

7. SPECIFICATIONS

Feature	Detail
Model	OTI1000 (OS TYRE1000)
Power Source	12V DC (Corded Electric)
Voltage	12 Volts
Wattage	180.00 W
Inflation Time	Approximately 2 minutes per tire
Display	Large Digital Screen (bar, kPA, PSI)
Special Features	Auto-stop function, Quick set dial, LED light, Deflation valve
Power Cable Length	3.5 meters
Air Hose Length	70 cm
Dimensions (W x H)	3.46" x 8.62" (approx. 88mm x 219mm)
Item Weight	1.3 kg (2.86 pounds)

Feature	Detail
Material	Metal

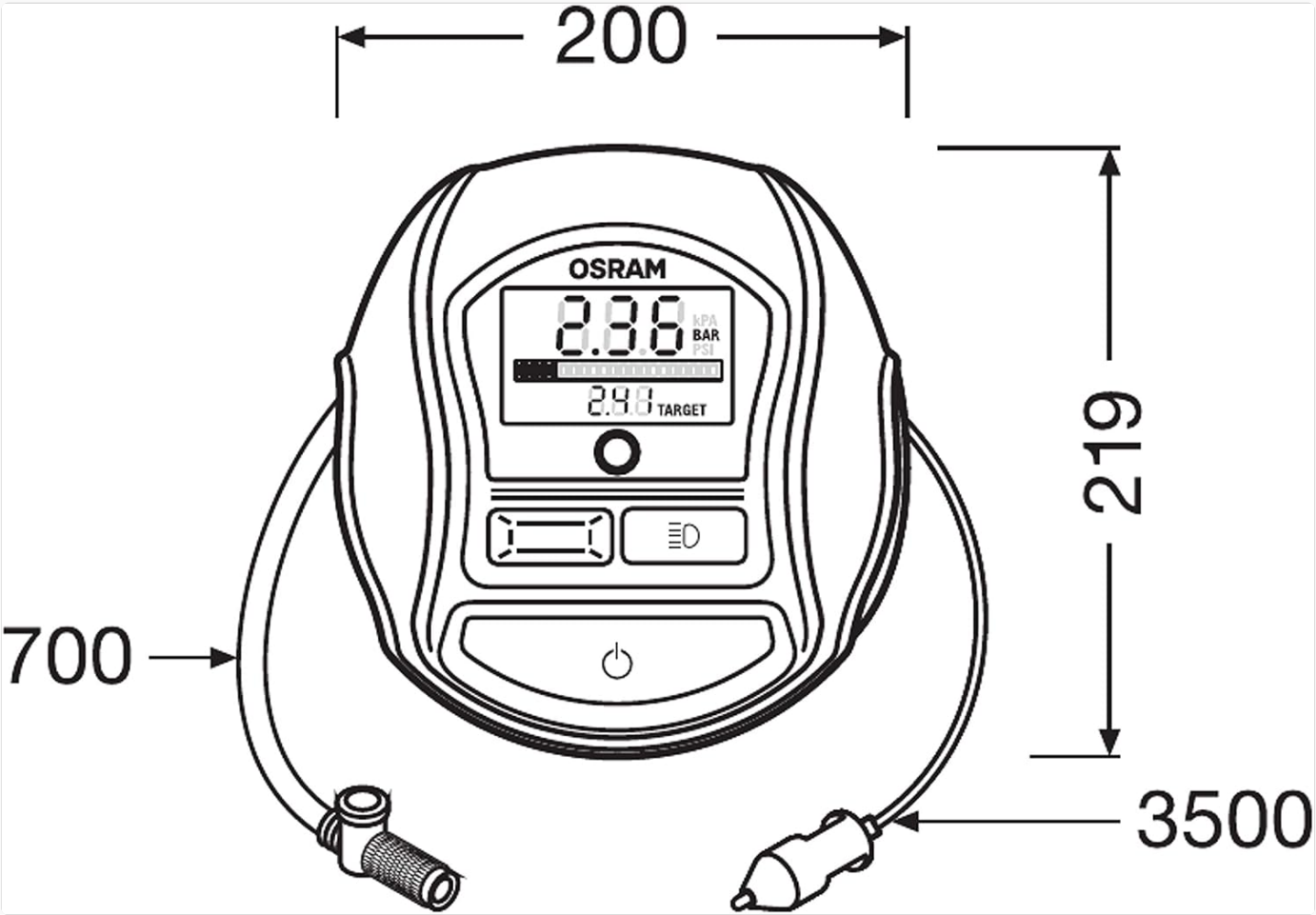


Image: Technical diagram illustrating the dimensions of the OSRAM OTI1000 Tyre Inflator Pump, including its width (200mm), height (219mm), air hose length (700mm), and power cable length (3500mm).

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official OSRAM website. OSRAM products are designed for reliability and performance. Should you require technical assistance or have questions regarding your OSRAM OTI1000 Tyre Inflator Pump, please contact OSRAM customer support or visit their official online store for further resources:

[Visit the OSRAM Store](#)

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