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AGARO TI2147

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1. PRODUCT OVERVIEW

The AGARO TI2147 Analog Tyre Inflator is a portable 12V DC compressor pump designed for inflating vehicle tires and various other inflatables. It features a maximum pressure capacity of up to 150 PSI, an integrated LED light for visibility, and an analog gauge for accurate pressure readings. Its compact design and included carry case make it convenient for on-the-go use.

Key Features:

- Maximum pressure output: Up to 150 PSI.
- Fast inflation: Inflates standard car tires in 2 to 5 minutes.
- Power source: 12V DC car power outlet.
- Long power cord: 4 meters for easy reach to all tires.
- Air flow capacity: 35 Liters per minute.
- Built-in LED flashlight for emergency and night use.
- Analog display with pressure units in PSI, kPa, Bar, Kg/Cm².
- Includes 4 additional nozzles and a carry bag.



Figure 1: AGARO TI2147 Analog Tyre Inflator with key components labeled, including the easy carry handle, car plug, power on/off switch, bright LED light, standard nozzle, analog meter, open spare fuse, and four extra nozzle attachments.

2. WHAT'S IN THE BOX

Carefully unpack all items from the packaging. Ensure all components are present and in good condition.

- AGARO TI2147 Analog Tyre Inflator
- 12V Car Adapter (integrated with power cord)
- 4 Additional Nozzles
- Carry Bag

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Video 1: An overview of the AGARO TI2147 Analog Tyre Inflator and its included accessories, demonstrating the compact design and components.

3. SAFETY INFORMATION

- Always operate the inflator in a well-ventilated area.

- Do not leave the inflator unattended while in use.
- Keep out of reach of children.
- Avoid over-inflating. Always check the recommended pressure for your item.
- Do not operate if the power cord or inflator is damaged.
- Ensure the car engine is running when using the inflator to prevent draining the car battery.

4. SETUP AND CONNECTION

Follow these steps to prepare your AGARO TI2147 for inflation:

1. **Start your car engine:** This ensures sufficient power supply to the inflator and prevents battery drain.
2. **Connect to the 12V car power socket:** Insert the inflator's 12V car adapter into your vehicle's cigarette lighter socket.
3. **Attach the nozzle to the tire valve:** Securely screw or clip the inflator's hose nozzle onto the valve stem of the tire or inflatable item.



Figure 2: Step-by-step guide illustrating the easy setup and connection process: 1. Start car engine, 2. Connect to 12V car power socket, 3. Attach nozzle to tyre valve, 4. Switch ON and fill air.

5. OPERATION

Once connected, you can begin the inflation process:

1. **Turn on the inflator:** Locate the power switch on the inflator and turn it to the 'ON' position.
2. **Monitor pressure:** Observe the analog pressure gauge to monitor the inflation progress. Stop inflation once the desired pressure is reached. Refer to your vehicle's or item's recommended pressure.
3. **Turn off the inflator:** Switch the inflator to the 'OFF' position.
4. **Disconnect:** Carefully detach the nozzle from the valve stem and then unplug the 12V adapter from the car socket.

Using the LED Light:

The AGARO TI2147 is equipped with a super bright LED light for use in low-light conditions or during roadside emergencies. The LED light has a separate ON/OFF switch, allowing you to use it independently of the inflation function.



Figure 3: The AGARO TI2147 Analog Tyre Inflator demonstrating its super bright LED light, useful for visibility during night-time use or in dark environments.

6. NOZZLE ATTACHMENTS AND APPLICATIONS

The inflator comes with multiple nozzle attachments to accommodate various inflation needs:

- **Standard Nozzle:** For car, bike, and bicycle tires.
- **Needle Nozzle:** For sports balls (e.g., footballs, basketballs).
- **Cone Nozzles:** For inflatable toys, air boats, pool loungers, and swim tubes.



Figure 4: The multi-functional capability of the AGARO TI2147 Analog Tyre Inflator, suitable for inflating tires on vehicles and bicycles, as well as various recreational items like balls, pool loungers, and swim tubes.

7. SPECIFICATIONS

Feature	Specification
Brand	AGARO
Model	TI2147
Power Source	12V DC (Corded Electric)
Maximum Pressure	150 PSI
Air Flow Capacity	35 Liters Per Minute
Power Consumption	120W
Hose Length	4 Metres
Operation Mode	Automatic
Material	Plastic
Item Weight	722 Grams
Product Dimensions	14L x 8W x 25H Centimeters
Special Features	Portable, LED Light



Figure 5: Diagram illustrating the dimensions of the AGARO TI2147 Analog Tyre Inflator: 25 cm height, 14 cm length, and 8 cm width.

8. MAINTENANCE AND STORAGE

- After each use, allow the inflator to cool down before storing.
- Clean the exterior with a damp cloth. Do not use harsh chemicals.
- Store the inflator and its accessories in the provided carry bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- Regularly check the power cord and hose for any signs of wear or damage.

9. TROUBLESHOOTING

- **Inflator does not turn on:**
 - Ensure the 12V car adapter is securely plugged into the car socket.
 - Verify that the car engine is running.
 - Check the car's fuse for the 12V socket; it might be blown.
 - Inspect the inflator's power cord for any visible damage.

- **Slow inflation or no air output:**

- Ensure the nozzle is securely attached to the tire valve without any leaks.
- Check if the hose is kinked or blocked.
- Verify that the tire valve is not damaged or stuck.

- **Inaccurate pressure reading:**

- Ensure the inflator is on a stable surface and the hose is straight.
- Compare the reading with another reliable pressure gauge if available.

- **Overheating:**

- If the unit feels excessively hot, turn it off and allow it to cool down for at least 10-15 minutes before resuming use. Prolonged continuous operation can cause overheating.

10. WARRANTY AND SUPPORT

The AGARO TI2147 Analog Tyre Inflator comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official AGARO website. An optional 1-year extended warranty may be available from third-party providers.

For technical support, service, or inquiries, please contact AGARO customer service through their official channels. Keep your purchase receipt and product model number (TI2147) handy for faster assistance.