

## **1. Overview**

The FORTEM Tire Inflator is a portable, 12V DC electric air compressor designed for inflating vehicle tires and other inflatables. It features a digital pressure gauge, automatic shut-off, and a built-in LED light.





## 2. Features and Specifications

### 2.1 Key Features

- **Digital Pressure Gauge:** Displays current and target PSI.
- **Automatic Shut-Off:** Stops inflation automatically when the preset pressure is reached.
- **LED Flashlight:** Integrated light for use in low-light conditions.
- **Portable Design:** Compact unit with a carrying handle and included storage case.
- **Multi-Purpose:** Includes nozzle attachments for tires, sports balls, air mattresses, and pool toys.
- **14ft Power Cord:** Extended reach from the vehicle's 12V power outlet.

## 2.2 Technical Specifications

- **Power Source:** 12V DC (Vehicle Cigarette Lighter Socket)
- **Maximum Pressure:** 150 PSI
- **Operation Mode:** Automatic
- **Material:** Metal and Plastic
- **Item Weight:** 862 Grams
- **Dimensions (L x W x H):** 15.6 x 19.4 x 7.5 cm
- **Included Components:** Tire Inflator unit, Nozzle Attachments (3), Carrying Case.



## 3. Parts and Components

- **Main Unit:** Houses the motor, digital display, and control switch.
- **Digital Display:** Shows current tire pressure and preset target value.
- **Control Switch:** Rocker switch to turn the inflator ON/OFF.
- **Pressure Setting Buttons (+/-):** Used to set the desired PSI.
- **Air Hose:** Flexible hose with a chuck for connecting to tire valves.
- **Power Cord (14ft):** Plugs into a standard 12V DC vehicle power outlet.
- **LED Light:** Located on the front of the unit.
- **Nozzle Storage Compartment:** Holds the additional nozzle attachments.
- **Carrying Case:** Zippered bag for storage and transport.

## 4. Use Guide

**Safety Warning:** Always start your vehicle's engine before using the inflator. Operating the compressor with the engine off may drain the vehicle's battery.

## 4.1 Inflating a Vehicle Tire

1. **Start your vehicle's ignition.**
2. **Connect the power plug** to your vehicle's 12V DC (cigarette lighter) power outlet.
3. **Set the desired PSI** using the (+) and (-) buttons on the digital display. The display will blink while setting.
4. **Wait for the display to stop blinking.** This indicates the target pressure is set.
5. **Attach the air hose chuck** firmly onto the tire's valve stem.
6. **Flip the ON/OFF switch to the ON position.** The inflator will begin pumping and the digital display will show the rising pressure.
7. The inflator will **automatically shut off** when the preset PSI is reached.
8. Disconnect the air hose from the valve stem and then unplug the power cord from the vehicle.



## 4.2 Inflating Other Items (Balls, Toys, Mattresses)

1. Select the appropriate nozzle attachment from the storage compartment.
2. Screw the nozzle onto the end of the air hose.
3. Follow steps 1-4 from section 4.1 to power the unit and set a target PSI (if applicable).  
For items without a specific PSI, you can monitor inflation visually.
4. Press the nozzle firmly onto the item's inflation valve.
5. Flip the ON/OFF switch to ON to begin inflation. Monitor the process and turn the unit off manually when complete.



## 5. Care and Maintenance

- Store the inflator in the provided carrying case when not in use.
- Keep the unit clean and dry. Wipe with a damp cloth if necessary.
- Do not submerge in water or use in rainy conditions.
- Allow the motor to cool down for 10-15 minutes after continuous use for 10 minutes to prevent overheating.
- Periodically check the air hose and power cord for signs of wear or damage.
- Store the nozzle attachments in the dedicated compartment to prevent loss.

## 6. Troubleshooting

- **Unit does not turn on:** Ensure the vehicle ignition is on. Check that the power plug is fully inserted into the 12V outlet. Verify the vehicle's fuse for the outlet is not blown.
- **Inaccurate pressure reading:** Ensure the air hose chuck is securely attached to the valve stem with no air leaks. The unit may need to cool down if used extensively.
- **Inflator does not auto-shutoff:** Confirm the target PSI was correctly set (display stops blinking). Check for significant air leaks during inflation.
- **LED light does not work:** The light is automatic. Ensure the unit is powered on.
- **Motor is noisy or overheats:** This is normal operation for a small compressor. Stop use and allow the unit to cool down if it becomes excessively hot.

## 7. Warranty and Support

This product is covered by a **One (1) Year Limited Warranty** from the date of purchase.

For warranty service or product support, please contact the manufacturer:

**FORTEM / Ennovative Ecommerce Inc.**

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**Warning**

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