

STEEL MATE T5

STEELMATE T5 Portable Air Compressor Pump User Manual

Model: T5

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your STEELMATE T5 Portable Air Compressor Pump. Please read this manual thoroughly before using the device to ensure proper function and to prevent damage or injury. Keep this manual for future reference.

SAFETY INFORMATION

- Always ensure the vehicle engine is running when using the air compressor to avoid draining the vehicle battery.
- Do not leave the air compressor unattended during operation.
- After 10-15 minutes of continuous use, allow the air compressor to rest and cool for an equal amount of time before continuing operation. This prevents overheating.
- Keep the device away from children.
- Do not expose the device to rain or moisture.
- Ensure the correct pressure is set for the item being inflated to prevent over-inflation and potential bursting.
- Use only the provided accessories and attachments.

PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the components of your STEELMATE T5 Air Compressor Pump:



Image: Front and rear view of the STEELMATE T5 Air Compressor Pump with labeled parts. The front features an LED light, high precision digital display, adjustable pressure unit, '-', '+', Start/Stop, and Lighting/Unit switching buttons. The rear shows anti-slip mats, nozzles, power cable, and a stowable air hose with thermal insulation nylon.

- **LED Light:** Provides illumination in low-light conditions.
- **High Precision Digital Display:** Shows real-time pressure readings and set pressure.
- **Adjustable Pressure Unit:** Allows selection of desired pressure units (e.g., PSI, BAR, KPA, kg/cm²).
- **'-' Button:** Decreases the pressure value.
- **'+' Button:** Increases the pressure value.
- **Start/Stop Button:** Initiates or halts the inflation process.
- **Lighting/Unit Switching Button:** Toggles the LED light and cycles through pressure units.
- **Anti-slip Mat:** Provides stability during operation.
- **Nozzles:** Various adapters for different inflation needs.
- **Power Cable:** Connects to a 12V DC power source (e.g., car cigarette lighter).
- **Stowable Air Hose with Thermal Insulation Nylon:** Durable hose for connecting to valves.

1. **Connect Power:** Ensure your vehicle is powered on. Connect the power cable of the air compressor to the vehicle's 12V DC cigarette lighter socket.

How To Use

T5 TIRE INFLATOR

01



Vehicle powered on, and connect the power cable to the cigarette lighter socket.

02



Screw the air hose to the tire's valve stem.

03



Set the desired value and unit.

04



Press "⏻" button to start inflating.

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Image: Step 1 of 'How To Use' showing a hand connecting the power cable to a car's cigarette lighter socket.

2. **Attach Air Hose:** Screw the air hose securely onto the valve stem of the tire or inflatable item. Ensure a tight connection to prevent air leakage.

How To Use

T5 TIRE INFLATOR



Vehicle powered on, and connect the power cable to the cigarette lighter socket.



Screw the air hose to the tire's valve stem.



Set the desired value and unit.



Press “” button to start inflating.

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Image: Step 2 of 'How To Use' showing the air hose being screwed onto a tire's valve stem.

OPERATING INSTRUCTIONS

Setting Desired Pressure and Unit

1. **Set Pressure:** Use the '+' and '-' buttons to adjust the desired pressure value on the digital display. The display will show the real-time pressure when connected.
2. **Select Unit:** Press the Lighting/Unit switching button to cycle through available pressure units (PSI, BAR, KPA, kg/cm²) until your preferred unit is displayed.

How To Use

T5 TIRE INFLATOR



01

Vehicle powered on, and connect the power cable to the cigarette lighter socket.



02

Screw the air hose to the tire's valve stem.



03

Set the desired value and unit.



04

Press “” button to start inflating.

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Image: Step 3 of 'How To Use' showing the digital display with a set pressure of 2.50 and the unit selection button.

Inflation Process

1. **Start Inflation:** Once the desired pressure and unit are set, press the Start/Stop button to begin inflation.

How To Use

T5 TIRE INFLATOR



01

Vehicle powered on, and connect the power cable to the cigarette lighter socket.



02

Screw the air hose to the tire's valve stem.



03

Set the desired value and unit.



04

Press “” button to start inflating.

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Image: Step 4 of 'How To Use' showing the digital display during inflation, indicating a current pressure of 2.00.

2. **Auto Shut-off:** The compressor will automatically stop inflating once the preset pressure value is reached. Ensure the preset pressure is higher than the current pressure of the item being inflated.

SMART AUTO-SHUTOFF

You can adjust the pressure threshold value of inflate, it will auto stop inflation when the value reached.



Image: A man standing next to a car with the STEELMATE T5 air compressor in operation, illustrating the smart auto-shutoff feature.

3. **Monitor Inflation:** The digital screen provides real-time pressure readouts, allowing you to monitor the inflation process.

STEELMATE

LED DIGITAL DISPLAY

Display the real-time tyre pressure when the car tyre inflator is connect to the power, to know the vehicle well.



Decrease the pressure value.



Press "⏻" button to start / stop inflating.



Press "⬢" button to select the preferred pressure unit
Press and hold "⬢" button to turn on / off the light.



Increase the pressure value.

Image: The STEELMATE T5 air compressor connected to a car tire, with its LED digital display showing real-time tire pressure and button functions for decreasing/increasing pressure and unit switching.

4. **Inflation Speed:** The T5 can inflate a 185/60/R15 tire from 0 to 2.5 Bar (36 Psi) in approximately 4 minutes. It can inflate up to 6.0 Bar (87 Psi).

FAST & POWERFUL INFLATION



Image: Illustration demonstrating the fast inflation capability, showing a car tire being inflated from 0 Psi to 36 Psi in 214 seconds for a 185/65/R14 tire.

5. **Continuous Use:** For optimal performance and longevity, allow the compressor to cool down for at least 10-15 minutes after 10-15 minutes of continuous operation.

Using the LED Light

Press and hold the Lighting/Unit switching button to turn the integrated LED light on or off. This feature is useful for operating the compressor in dark environments.

**LED light function,
Easy to operate even in the dark**



T5 TIRE
INFLATOR

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Image: The STEELMATE T5 air compressor with its LED light illuminated, positioned next to a car tire in a dark setting, demonstrating its utility for night-time operation.

Multiple Purpose Inflation

The STEELMATE T5 is designed to inflate various items beyond car tires, including motorcycles, bicycles, balls, air pillows, cushions, balloons, and mattresses. Use the appropriate nozzle attachment for each item.

MULTIPLE PURPOSE



Image: A circular graphic illustrating the multiple uses of the STEELMATE T5 air compressor, showing it can inflate car tires, motorcycle tires, bicycle tires, inflatable boats, air mattresses, and basketballs.

MAINTENANCE

- **Cleaning:** Wipe the exterior of the compressor with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the air compressor in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the power cord and air hose are neatly stowed. The compact size allows for easy storage in a vehicle.

10ft long power cord can inflate easily with every tire in reach

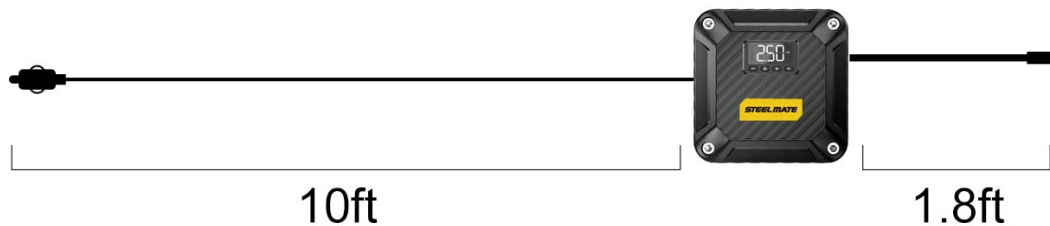


Image: A white car with the STEELMATE T5 air compressor positioned at the rear, illustrating the 10ft long power cord's reach to all tires. The compressor dimensions are also shown as 152mm x 56mm x 152mm.

- **Inspection:** Periodically check the power cable and air hose for any signs of wear or damage. Do not use the device if any components are damaged.

TROUBLESHOOTING

- **Compressor does not turn on:**
 - Check if the power cable is securely connected to the 12V DC socket.
 - Ensure the vehicle's engine is running.
 - Verify the vehicle's cigarette lighter fuse is not blown.
- **Slow inflation or no air output:**
 - Ensure the air hose is tightly screwed onto the valve stem.
 - Check for any kinks or blockages in the air hose.
 - Verify the preset pressure is correctly set and higher than the current pressure.

- **Compressor overheats:**

- Allow the unit to cool down for at least 10-15 minutes after 10-15 minutes of continuous use.
- Ensure adequate ventilation around the compressor during operation.

- **Inaccurate pressure reading:**

- Ensure the air hose connection is secure and there are no leaks.
- Recalibrate by disconnecting and reconnecting the power.

SPECIFICATIONS

Brand	STEEL MATE
Model Name	T5
Voltage	12 Volts
Power Source	Air Powered
Recommended Uses	Tire Inflation
Noise Level	92 Decibels
Special Features	Automatic Shut-off, Digital Display, Portable, Quick Inflation
Included Components	Air Compressor Pump
Maximum Power	12
Style	Portable
Product Dimensions (LxWxH)	15.2 x 5.6 x 15.2 Centimeters
Item Weight	862 g
UPC	769773761838

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact STEELMATE customer service directly. Contact details can typically be found on the manufacturer's official website or on the product's purchase page.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question