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ShockFlo TP03

ShockFlo Portable Tire Inflator User Manual

Model: TP03

PRODUCT OVERVIEW

The ShockFlo Portable Tire Inflator is a compact and efficient air compressor designed for quick and convenient tire inflation for various vehicles and inflatable items. It features a digital pressure gauge, preset modes, and an automatic shut-off function for precise and safe operation. An integrated LED light provides illumination for nighttime use or emergencies.



Image: The ShockFlo Portable Tire Inflator, showing the main unit, power cord, and various nozzles.

Key Features:

- **Ultra-Fast Inflation:** Inflates tires quickly with a 35L/min air flow capacity.
- **Smart Preset & Auto-Shutoff:** Allows setting desired pressure with automatic shut-off upon reaching the target.
- **Emergency LED Light:** Features Emergency, Warning, and SOS blinking modes for visibility.
- **Compact & Portable:** Small dimensions (7.4x2.9x4.5 inches) for easy storage.
- **Multi-Scene Use:** Suitable for cars, motorcycles, bicycles, and various inflatable balls.

WHAT'S IN THE BOX

Please check the package contents upon unboxing to ensure all items are present:

- 1 x ShockFlo Air Inflator
- 1 x Power Cord (9.84 feet)
- 1 x Replacement Fuse
- 1 x Air Nozzle
- 1 x Ball Needle

- 1 x User Manual
- 1 x Storage Bag

SAFETY INFORMATION

To ensure safe operation and prevent damage to the device or injury, please read and adhere to the following safety guidelines:

- Do not leave the inflator unattended during operation.
- Keep out of reach of children.
- Ensure the power source (12V DC) is compatible with the inflator.
- Avoid continuous operation for extended periods to prevent overheating. Allow the unit to cool down between uses if inflating multiple tires.
- Do not operate the inflator in wet conditions or near flammable liquids/gases.
- Always check the recommended tire pressure for your vehicle or item before inflation.
- Disconnect the power cord when not in use or before cleaning.

SETUP

Follow these steps to prepare your ShockFlo Tire Inflator for use:

1. **Start Your Vehicle:** For optimal performance and to prevent draining your car battery, it is recommended to start your vehicle's engine before connecting the inflator.



Image: Step 1 of operation, illustrating starting the car engine.

2. **Connect to 12V DC Outlet:** Insert the power cord's cigarette lighter plug into your vehicle's 12V DC power outlet.

OPERATION STEPS



Image: Step 2 of operation, showing the power cord being plugged into a car's 12V outlet.

3. **Connect Air Hose to Inflator:** Securely attach the air hose to the designated port on the inflator unit.

OPERATION STEPS



Image: Step 3 of operation, showing the air hose being connected to the inflator unit.

4. **Attach Air Nozzle to Tire Valve:** Screw the air nozzle onto the tire valve stem. Ensure a tight seal to prevent air leakage.

OPERATION STEPS



Image: Step 4 of operation, showing the air nozzle being attached to a tire valve.

OPERATING INSTRUCTIONS

The ShockFlo Tire Inflator features an intuitive touchscreen display for easy operation.

Understanding the Display:

One Tire Inflator for All Meet Your Different Needs



Image: Close-up of the inflator's touchscreen display, highlighting icons for different inflation modes and control buttons.

- **Mode Icons:** Ball, Bicycle, Motorcycle, Car, SUV. Select the appropriate mode for your item.
- **Digital Readout:** Displays current and preset pressure values.
- **Light Button:** Toggles the LED light modes.
- **Start Button:** Initiates or pauses inflation.
- **Pressure Unit Setting:** Changes between PSI, BAR, KPA, kg/cm².
- **+/- Buttons:** Adjust the preset pressure value.

Inflation Process:

1. **Power On:** Once connected to the 12V DC outlet, the inflator will power on and display the current tire pressure.
2. **Select Mode:** Tap the appropriate mode icon (e.g., Car, Bicycle) on the touchscreen. This will set a default preset pressure for that mode.

5+N SMART MODES

Wider applications, smart memory last mode



Image: The inflator displaying various preset modes for different types of tires and inflatables.

3. **Adjust Preset Pressure:** Use the "+" and "-" buttons to adjust the target pressure to your desired PSI (or other unit). Refer to your vehicle's manual or tire sidewall for recommended pressure.

REAL-TIME MONITORING SCREEN

Touch screen design



Image: The inflator's screen showing a real-time pressure reading and the ability to set a target pressure.

4. **Start Inflation:** Press the Start button to begin inflation. The inflator will automatically stop when the preset pressure is reached.

SMART INFLATION AUTO-SHUTOFF



Image: The inflator connected to a car tire, demonstrating the automatic shut-off feature once the target pressure is achieved.

5. **Disconnect:** Once inflation is complete, disconnect the air nozzle from the tire valve and then unplug the power cord from the 12V DC outlet.

OPERATION STEPS



Image: Steps 5 and 6 of operation, showing disconnection from the tire valve and then from the power source.

Using the LED Light:

Press the Light button on the touchscreen to cycle through the three light modes:

- **Emergency Light:** Steady illumination for general visibility.
- **Warning Light:** Flashing light to alert others.
- **SOS Blinking:** Standard SOS signal for emergencies.

MAINTENANCE

Proper maintenance will extend the lifespan of your ShockFlo Tire Inflator:

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Storage:** Store the inflator in its provided storage bag in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the power cord and air hose are neatly stored to prevent damage.
- **Fuse Replacement:** If the unit stops working, check the fuse located in the cigarette lighter plug. Replace it with the provided spare fuse if necessary.

TROUBLESHOOTING

If you encounter issues with your ShockFlo Tire Inflator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Inflator does not turn on.	No power from 12V outlet; Blown fuse in plug; Loose connection.	Ensure vehicle engine is running. Check vehicle's 12V outlet for power. Replace fuse in the inflator's plug. Ensure plug is fully inserted.
Inflator runs but no air comes out.	Air hose not securely connected; Nozzle not properly attached to valve; Hose kinked.	Check all connections for tightness. Ensure nozzle is fully screwed onto the tire valve. Straighten any kinks in the hose.
Inflator stops prematurely.	Preset pressure reached; Overheating.	Check the digital display for the current pressure. If inflating multiple tires, allow the unit to cool down for 10-15 minutes after 10-15 minutes of continuous use.

Problem	Possible Cause	Solution
Inaccurate pressure reading.	Loose connection; Sensor issue.	Ensure the nozzle is tightly sealed to the tire valve. If the issue persists, contact customer support.

If the problem persists after attempting these solutions, please contact ShockFlo customer support for further assistance.

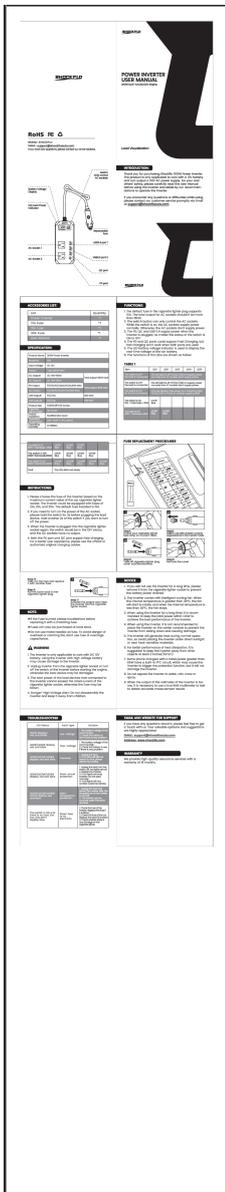
SPECIFICATIONS

Specification	Value
Brand	ShockFlo
Model Name	TP03
Voltage	12 Volts DC
Power Source	Corded Electric
Maximum Operating Pressure	150 PSI
Air Flow Capacity	35 LPM (Liters Per Minute)
Noise Level	65 dB
Product Dimensions (L x W x H)	7.4" x 2.9" x 4.5"
Item Weight	1.9 Pounds
Hose Length	9.84 Feet

WARRANTY AND SUPPORT

ShockFlo products are entitled to a warranty and excellent after-sales service. For any assistance, questions, or warranty claims, please feel free to contact ShockFlo customer support through the retailer's platform or the official ShockFlo website.

For more information, you may visit the official [ShockFlo Store](#).



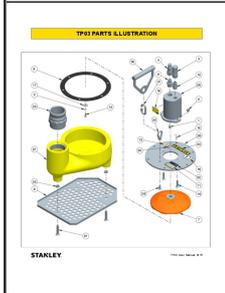
[ShockFlo 200W Power Inverter User Manual - P101 Model](#)

Comprehensive user manual for the ShockFlo 200W Power Inverter (Model P101). Learn about its functions, specifications, installation, troubleshooting, and safety guidelines for use in 12V vehicles.



[TP03 PLC User Manual - TECO Programmable Logic Controller](#)

Comprehensive user manual for the TECO TP03 PLC, detailing its features, specifications, wiring, and troubleshooting. Covers basic and expansion units, communication ports, and programming.



[Stanley TP03 Trash Pump Parts Illustration and List](#)

Detailed parts illustration and list for the Stanley TP03 trash pump, including part numbers, descriptions, and quantities for each component.



[MONITOUCH V9 Series Connection Manual \[3\] - Fuji Electric](#)

This manual provides detailed connection and communication parameters for the MONITOUCH V9 series HMI, covering numerous industrial devices and protocols from manufacturers like Fuji Electric, Siemens, Toshiba, and many others. Essential for system integrators and automation engineers.



[ShockFlo CS02\(48A\) EV Charging Station Installation and User Guide](#)

This guide provides detailed instructions for the installation and use of the ShockFlo CS02(48A) EV Charging Station, including product specifications, charging steps, light status indicators, and important safety precautions.